

LIBRARY
UNIVERSITY MICRO

MONTHLY CATALOG

UNITED STATES
GOVERNMENT PUBLICATIONS

OCTOBER 1969

Entries 13537-14969

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- * For sale by SUPERINTENDENT OF DOCUMENTS
- Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151
- † Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- ‡ Printed for Official Use
(not available for distribution)
- Sent to Depository Libraries

SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{5}$ of height
oblong-----	width more than height

MONTHLY CATALOG

OF UNITED STATES

GOVERNMENT PUBLICATIONS



OCTOBER 1969

Number 897

Entries 13537-14969

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1969

MONTHLY
CATALOG
OF UNITED STATES
GOVERNMENT PUBLICATIONS

November 1931

OCTOBER 1931

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 75 CENTS PER COPY
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE \$7 PER YEAR (INCLUDING INDEX)
\$1.75 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

- Adverse reactions to hallucinogenic drugs, with background papers. (Public Health Service, Publication 1810.) \$1.25. ● FS 2.22: H 16/2
- Agricultural statistics, 1969. (Agriculture Department.) \$2.75. ● A 1.47: 969
- America's department of natural resources. (Interior Department, Conservation bulletin 39.) 40c. ● I 1.72: 39/4
- Atlas of cometary forms. (National Aeronautics and Space Administration, NASA SP-198.) \$2.25. ● NAS 1.21: 198
- Automation of rheumatic fever registries. (Public Health Service, Publication 1924.) \$1.00. ● FS 2.2: R 34/2
- Books related to compensatory education, Feb. 1969. (Education Office, OE-37045.) 50c. ● FS 5.237: 37045
- Building custodian, suggested guide for training course. (Education Office, OE-87038.) 35c. ● FS 5.287: 87038
- Cheese varieties and descriptions. [Revised 1969.] (Agriculture Department, Agriculture handbook 54.) 65c. ● A 1.76: 54/969
- Cockroaches, how to control them. (Agriculture Department, Leaflet 430, revised.) 10c. ● A 1.35: 430/6
- Custer Battlefield. (National Park Service, Historical handbook no. 1, revised.) \$1.25. ● I 29: 58: 1/3
- Developing human resources. (Atomic Energy Commission.) 25c. ● Y 3. At 7: 2 H 88
- Diesel servicing, suggested two year post high school curriculum. (Education Office, OE-87045.) \$1.25. ● FS 5.287: 87045
- Documents on disarmament, 1968. (Arms Control and Disarmament Agency.) \$3.75. ● AC 1.11/2: 968
- Eat well for you and your baby who is on the way. (Children's Bureau.) 10c. ● FS 17.202: B 11/5
- Environment of Mesa Verde National Park, Colorado. (National Park Service, Archeological research series 7-D.) \$3.50. ● I 29.59: 7-D
- Extension work in public affairs. (Agriculture Department, PA series 932.) 10c. ● A 1.68: 932
- Family food buying, guide for calculating amounts to buy and comparing costs. (Agriculture Department, Home economics research report 37.) 35c. ● A 1.87: 37
- Family food stockpile for survival. (Agriculture Department, Home and garden bulletin 77, revised.) 10c. ● A 1.77: 77/5
- How foreign policy is made. (State Department, Publication 7707, General foreign policy series 195, revised.) 50c. ● S 1.71: 195/3
- How to plan drug abuse education workshop for teachers. (Public Health Service.) 25c. ● FS 2.22/15: D 84
- International family planning, bibliography. (Public Health Service, Publication 1917.) 35c. ● FS 2.22/13: F 21/2
- Interstate commerce act, together with text of supplementary acts and related sections of various other acts. [Revised 1969.] (Interstate Commerce Commission.) \$3.00. ● IC 1 act. 5: 969
- LSD-25, factual account. (Narcotics and Dangerous Drugs Bureau.) \$1.00. ● J 24.8: L 99

- Manpower research, inventory for fiscal year 1968. (Education Office, OE-12036-68.) \$1.75. ● FS 5.212: 12036-68
- Meat and poultry, labeled for you. (Agriculture Department, Home and garden bulletin 172.) 10c. ● A 1.77: 172
- Mental health programs for the deaf. (Public Health Service, Publication 1954.) 15c. ● FS 2.22: D 35
- Monitors of United States Navy. (Naval Operations Office.) 50c. ● D 207.10/2: M 74
- National policy of apprenticeship for machinist. (Apprenticeship and Training Bureau.) 20c. ● L 23.2: M 18/5
- Natural resources of Oklahoma. (Interior Department.) 25c. ● I 1.91: Ok 4
- Parkinson's disease, hope through research. (Public Health Service, Publication 811, Health information series no. 100, revised.) 20c. ● FS 2.50: 100/4
- Reduction in force in Federal agencies. (Civil Service Commission, Pamphlet 41, revised.) 10c. ● CS 1.48: 41/12
- Report on high energy physics, 1969. (Atomic Energy Commission, Research and development report, WASH 1129.) \$1.50. ● Y 3.At 7: 22/WASH 1129
- Research relating to children. (Children's Bureau, Publication no. 24.) \$1.50. ● FS 17.211: 24
- Riverine warfare. [Revised 1969.] (Naval Operations Office.) 65c. ● D 207.10/2: R 52/969
- Silverfish and firebrats, how to control them. (Agriculture Department, Leaflet 412, slightly revised.) 10c. ● A 1.35: 412/6
- Snowmobiles. (Business and Defense Services Administration.) 10c. ● C 41.2: Sn 6
- Starting and managing a small retail camera store. (Small Business Administration, Starting and managing series, vol. 17.) 40c. ● SBA 1.15: 17
- States can help many children and families. (Children's Bureau, Publication 466.) 15c. ● FS 17.210: 466
- Study of employment of women in Federal Government, 1968. (Civil Service Commission, Pamphlet SM 62-04.) \$2.00. ● CS 1.48: SM 62-04
- Survey of Federal Government publications of interest in small business. [3d edition, 1969.] (Small Business Administration.) 45c. ● SBA 1.18/2: G 74/969
- United States statutes at large, vol. 82, containing laws and concurrent resolutions enacted during 2d session of 90th Congress. (Federal Register Office.) \$16.25. ● GS 4.111: 82

Contents

Previews	III
Abbreviations, Explanation.....	VI
General Information.....	VII
How To Order Publications.....	VIII
New Classification Numbers.....	IX
Corrections for Previous Monthly Catalogs	XI
List of Government Authors.....	XIII
Monthly Catalog.....	1
Index	99

Abbreviations

add-----	addition, addendum, addenda.	n. d.-----	no date.
amdt., amdts-----	amendment, amendments.	n. p.-----	no place.
app-----	appendix, appendixes.	no., nos.-----	number, numbers.
bk., bks-----	book, books.	p-----	page, pages.
chap-----	chapter, chapters.	p. of pl-----	pages of plates.
Cong-----	Congress.	par., pars-----	paragraph, paragraphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
facsim-----	facsimile, facsimiles.	pt., pts-----	part, parts.
fy-----	fiscal year.	rp-----	report.
G.H.A-----	Greenwich hour angle.	S-----	Senate, Senate bill.
H-----	House.	S. Con. Res-----	Senate concurrent resolution.
H. Con. Res-----	House concurrent resolution.	S. doc-----	Senate document.
H. doc-----	House document.	S. ex. doc-----	Senate executive document.
H. ex. doc-----	House executive document.	S. ex. rp-----	Senate executive report.
H. J. Res-----	House joint resolution.	S. J. Res-----	Senate joint resolution.
H. R-----	House of Representatives, House bill.	S. Res-----	Senate resolution.
H. Res-----	House resolution.	S. rp-----	Senate report.
H. rp-----	House report.	sec-----	section, sections.
il-----	illustration, illustrations.	sess-----	session, sessions.
in-----	inch, inches.	Stat. L-----	Statutes at large.
lat-----	latitude.	supp-----	supplement.
long-----	longitude.	tab-----	table, tables.
m-----	mile.	Treas-----	Treasury.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, DC, is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. Doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittance should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

	Soil Conservation Service.
A 57.51: nos.-----	Technical releases.
A 57.54: date-----	National Plant Materials Center annual report.
	Commerce Department.
C 1.56: date-----	Directory of private programs for minority business enterprise.
	Census Bureau.
C 3.244: nos.-----	Census use study reports.
	Weather Bureau.
C 30.22/6: CT-----	Weather Bureau marine services charts.
	Maritime Administration.
C 39.228: Reserved	
C 39.229: date-----	Oceangoing merchant ships of 1,000 gross tons and over lost and scrapped during calendar year.
C 39.230: date-----	Oceangoing foreign flag merchant type ships of 1,000 gross tons and over owned by the United States parent companies (semi-annual).
C 39.231: date-----	Containerships under construction and on order (including conversions) in United States and foreign shipyards, oceangoing ships of 1,000 gross tons and over (semi-annual).
C 39.232: date-----	United States flag containerships and United States flag ships with partial capacities for containers and/or vehicles (semiannual).
	Environmental Science Services Administration.
C 52.21/3: Reserved	
C 52.21/4: date-----	Scientific and technical publications of ESSA Research Laboratories.
	NOTE.—Formerly entitled Scientific and technical publications of Institutes for Environmental Research.
C 52.21/5: date-----	Management information on ERL's scientific and technical publications (annual).
	Defense Department.
D 7.1/10: date-----	Annual historical summary: Defense Documentation Center.
D 7.21: date-----	Annual report to Congress on national industrial reserve under Public law 883, 80th Congress.
	Army Department.
D 105.14/4: nos.-----	HDL [Harry Diamond Laboratories] technical disclosure bulletin.
	Military Academy, West Point.
D 109.10: nos.-----	USMA library bulletin.
	Naval Personnel Bureau.
D 208.14/6: CT-----	U.S. Naval Postgraduate School: Publications (unnumbered).
	Naval Facilities Engineering Command.
D 209.16: nos.-----	NAVFAC Technical Training Center: NTTC courses.
	Air Force Department.
D 301.26/19: nos.-----	USAF historical studies.

- D 301.26/20 : v.nos.----- Air University abstracts of research reports (annual).
- D 301.56/3 : (date) Military Airlift Command : Airlift Service management report (annual).
- FP 1.30 : (date) Federal Power Commission.
Cost of pipeline and compressor station construction under non-budget type of certificate authorizations as reported by pipeline companies (annual).
- FS 2.22/13-9 : date----- National Institutes of Health.
NIH quarterly publications list.
- FS 2.22/63 : CT----- Chemotherapy fact sheets.
- FS 2.60/18 : date----- Public Health Service.
National Communicable Disease Center food-borne outbreaks annual summary.
- FS 2.74/6 : date----- Representative construction cost of Hill-Burton hospitals and related health facilities (biannual).
- FS 2.86/6 : date----- Annual statistical review, hospital and medical services.
NOTE.—Issued by Division of Indian Health. See, for earlier class, FS 2.2 : In 25/17.
- FS 2.86/7 : date----- Division of Indian Health, annual discharge summary.
- FS 2.92/4 : date----- Training Institute of Environmental Control Administration, bulletin of courses (annual).
- FS 2.211/3 : CT----- National Library of Medicine.
Selected list of audiovisuals.
- I 49.71 : nos.----- Sport Fisheries and Wildlife Bureau.
Wildlife portrait series.
- I 67.19 : nos.----- Federal Water Pollution Control Administration.
Robert A. Taft Water Research Center : Report TWRC-(series).
- J 1.1/2 : date----- Justice Department.
Annual report of Law Enforcement Assistance Administration.
- J 24.3 : v.nos. & nos.----- Narcotics and Dangerous Drugs Bureau.
BNDD bulletin.
- L 1.39/10 : date----- Labor Department.
Manpower technical exchange.
- L 33.1 : date----- Unemployment Insurance Service.
Annual report.
- L 33.2 : CT----- General publications.
- L 33.3 : -8 : Reserved
- L 33.9 : nos.----- Benefit series service, unemployment insurance report (monthly).
NOTE.—See, for earlier class L 7.37 : (date).
- L 34.1 : date----- Training and Employment Service.
Annual report.
- L 34.2 : CT----- General publications.
- L 34.3 : -8 : Reserved
- L 34.9 : date----- Area trends in employment and unemployment (monthly).
NOTE.—See, for earlier class, L 7.51/3 : (date).
- S 18.28/a : CT----- International Development Agency.
Proposed foreign aid program, fiscal year, summary presentation to Congress (separates).
- SI 1.30 : nos.----- Smithsonian Institution.
Smithsonian contributions to paleobiology.

TD 2.122: Reserved

TD 2.123: CT-----

TD 2.124: date-----

TD 2.125: date-----

TD 2.210/3: nos-----

TD 2.312: date-----

TD 4.19/4: date-----

TD 4.28: date-----

TD 4.28/2: date-----

TD 4.30: nos-----

TD 4.31: date-----

TD 4.312: date-----

TD 4.510: CT-----

TD 4.611: nos-----

Y 3.P 11/2: 1/date-----

Y 3.P 11/2: 2 CT-----

Public Roads Bureau.

Bibliographies and list of publications.

New developments in highways.

Conference proceedings [of] AASHO Committee on Electronics.

National Highway Safety Bureau.

Highway safety literature compilations.

Motor Carrier Safety Bureau.

Analysis of motor carrier accidents involving vehicle defects or mechanical failure.

NOTE.—See, for earlier similar publication, IC 1 mot.20:(date).

Federal Aviation Administration.

Military air traffic activity report.

Acceptable methods, techniques, and practices: Aircraft alterations.

NOTE.—See, for earlier class, FAA 5.16:(date).

Acceptable methods, techniques, and practices: Aircraft inspection and repair.

NOTE.—See, for earlier class, FAA 5.15:(date).

System package program, NS-SPP-(series).

Annual national aviation system planning review conference, summary report.

Air Traffic Service.

Index of standard instrument approach procedures (semiannual).

Systems Research and Development Service.

Addresses.

Aircraft Development Service.

Report FAA DS-(series).

Pacific Southwest Inter-Agency Committee.

Report.

General publications.

Corrections for Previous Monthly Catalogs

July 1964. Entry 11919 Orienting parents in clinic for retarded. Correct class to read FS 3.207/2a: R 313.

Dec. 1965. Entry 18908, Role of child welfare in mental retardation. Correct class to read FS 14.110: B 39.

May 1968. Entry 6650, North Cascades [National Park and Ross Lake National Recreation area, a proposal]. Correct class to read I 29.6: N 81c.

June 1968. Entry 7927, Some facts relating to job situation in New York. Correct class to read L 2.92: N 42y/968.

Dec. 1968. Page 135, 1st column, under Architecture: design for all Americans, report of National Commission on Architectural Barriers to Rehabilitation of the Handicapped, change 14691 to read 14691.

Jan. 1969. Entry 471, Inventory of congressional concern with research and development, 90th Congress, 1st session, pt. 3, Bibliography. Correct class to read Y 4.G 74/6: R 31/2/pt. 3.

Feb. 1969. Entry 1865, FHA regulations [Home mortgage regulations, amendments]. Correct class to read HH 2.6: M 84/7/964/trans. 64.

Apr. 1969. Entry 5438, Compensation increases for service-connected disabled veterans, H.R. 16027, as enacted by Congress. Correct class to read Y 4.F 49: V 64/16.

June 1969. Entry 8784, U.S. food and fiber policy for future, summary report of National Advisory Commission on Food and Fiber. Please change the date of publication from [1969.] to [1967.].

June 1969. Entry 8816, Smokers self-testing kit: pt. 1, Tests. Correct class to read FS2.6/2: Sm 7/30/969/pt.1.

June 1969. Entry 8817, Smokers self-testing kit: pt. 2, Interpretation of test scores. Correct class to read FS 2.6/2: Sm 7/3/969/pt. 2.

Aug. 1969. Entry 11061 FHA regulations [Home mortgage regulations, amendments]. Correct class to read HH 2.6: M 84/7/964/trans. 65.

List of Government Authors

	Beginning entry
Agriculture Department	13583
Agricultural Research Service.....	13537
Agricultural Stabilization and Conservation Service.....	13558
Consumer and Marketing Service.....	14063
Economic Research Service.....	14123
Federal Extension Service.....	14192
Forest Service.....	14248
Rural Electrification Administration.....	14850
Soil Conservation Service.....	14864
Statistical Reporting Service.....	14931
Appalachian Regional Commission	13650
Atomic Energy Commission	13684
Civil Aeronautics Board	13779
Civil Rights Commission	13784
Civil Service Commission	13786
Commerce Department	13802
Business and Defense Services Administration.....	13726
Census Bureau.....	13732
Economic Development Administration.....	14117
Environmental Science Services Administration.....	14158
Coast and Geodetic Survey.....	13798
Weather Bureau.....	14963
International Commerce Bureau.....	14418
Maritime Administration.....	14485
National Bureau of Standards.....	14662
Patent Office.....	14765
United States Travel Service.....	14955
Congress	13824
Atomic Energy Joint Committee.....	13847
Economic Joint Committee.....	13848
House of Representatives.....	13849
Agriculture Committee.....	13911
Appropriations Committee.....	13916
Armed Services Committee.....	13919
Banking and Currency Committee.....	13921
Education and Labor Committee.....	13924
Foreign Affairs Committee.....	13928
Government Operations Committee.....	13930
Internal Security Committee.....	13933
Merchant Marine and Fisheries Committee.....	13934
Post Office and Civil Service Committee.....	13935
Public Works Committee.....	13939
Rules Committee.....	13940
Science and Astronautics Committee.....	13941

Congress—Continued	Beginning Entry
House of Representatives—Continued	
Small Business, Select Committee on.....	13942
Veteran's Affairs Committee.....	13943
Ways and Means Committee.....	13944
Printing Joint Committee.....	13947
Senate.....	13948
Aeronautical and Space Sciences Committee.....	14011
Aging, Special Committee on.....	14012
Agriculture and Forestry Committee.....	14014
Appropriations Committee.....	14015
Armed Services Committee.....	14016
Banking and Currency Committee.....	14017
Commerce Committee.....	14020
District of Columbia Committee.....	14022
Finance Committee.....	14024
Foreign Relations Committee.....	14031
Government Operations Committee.....	14032
Interior and Insular Affairs Committee.....	14039
Judiciary Committee.....	14047
Labor and Public Welfare Committee.....	14052
Nutrition and Human Needs, Select Committee on.....	14058
Post Office and Civil Service Committee.....	14059
Public Works Committee.....	14060
Small Business, Select Committee on.....	14062
Court of Claims.....	14073
Defense Department.....	14078
Air Force Department.....	13610
Armed Forces Information Service.....	13651
Army Department.....	13652
Civil Defense Office.....	13780
Engineers Corps.....	14147
Military Academy, West Point.....	14519
Ordnance Corps.....	14761
Navy Department.....	14756
Marine Corps.....	14484
Medicine and Surgery Bureau.....	14495
Naval Facilities Engineering Command.....	14722
Naval Operations Office.....	
Naval Observatory.....	14724
Naval Oceanographic Office.....	14725
Naval Personnel Bureau.....	14737
Naval Research Office.....	14741
District of Columbia.....	14116
Federal Field Committee for Development Planning in Alaska.....	14193
Federal Home Loan Bank Board.....	14202
Federal Maritime Commission.....	14208
Federal Power Commission.....	14212
Federal Reserve System Board of Governors.....	14225
Federal Trade Commission.....	14238

	Beginning Entry
General Accounting Office.....	14301
General Services Administration.....	14325
Federal Supply Service.....	14235
National Archives and Records Service.....	14654
Federal Register Office.....	14224
Public Buildings Service.....	14776
Government Printing Office.....	
Public Documents Division.....	14777
Health, Education, and Welfare Department.....	14378
Education Office.....	14127
Public Health Service.....	14778
Consumer Protection and Environmental Health Service.....	
Food and Drug Administration.....	14247
National Institutes of Health.....	14682
National Library of Medicine.....	14699
Social and Rehabilitation Service.....	
Children's Bureau.....	13776
National Center for Social Statistics.....	14676
Rehabilitation Services Administration.....	14846
Social Security Administration.....	14861
Federal Credit Unions Bureau.....	14191
Housing and Urban Development Department.....	14382
Federal Housing Administration.....	14204
Interior Department.....	14400
Fish and Wildlife Service.....	
Commercial Fisheries Bureau.....	13811
Sport Fisheries and Wildlife Bureau.....	14883
Federal Water Pollution Control Administration.....	14239
Geographic Names Board.....	14326
Geological Survey.....	14328
Indian Affairs Bureau.....	14399
Mines Bureau.....	14521
National Park Service.....	14700
Reclamation Bureau.....	14824
Interstate Commerce Commission.....	14430
Justice Department.....	14431
Immigration and Naturalization Service.....	14398
Narcotics and Dangerous Drugs Bureau.....	14564
Prisons Bureau.....	14775
Labor Department.....	14435
Labor Standards Bureau.....	14443
Labor Statistics Bureau.....	14451
Manpower Administration.....	
Employment Security Bureau.....	14146
Training and Employment Service.....	14943
Unemployment Insurance Service.....	14954
Solicitor.....	14882
Women's Bureau.....	14969
Library of Congress.....	14482
Copyright Office.....	14067

	Beginning Entry
National Academy of Sciences.....	14565
National Aeronautics and Space Administration.....	14566
National Foundation on the Arts and the Humanities	
National Endowment for the Humanities.....	14678
National Labor Relations Board.....	14697
National Science Foundation.....	14716
Pacific Southwest Inter-Agency Committee.....	14764
Post Office Department.....	14767
President of United States.....	14773
Executive Office of the President	
Economic Opportunity Office.....	14120
Railroad Retirement Board.....	14823
Selective Service System.....	14852
Ship Structure Committee.....	14854
Small Business Administration.....	14855
Smithsonian Institution.....	14857
National Collection of Fine Arts.....	14677
National Gallery of Art.....	14680
State Department.....	14890
International Development Agency.....	14425
Tariff Commission.....	14939
Tennessee Valley Authority.....	14942
Transportation Department.....	14944
Coast Guard.....	13800
Federal Aviation Administration.....	14178
Air Traffic Service.....	13639
Aircraft Development Service.....	13644
Airports Service.....	13648
Flight Standards Service.....	14246
Systems Research and Development Service.....	14936
Federal Highway Administration	
Motor Carrier Safety Bureau.....	14563
National Highway Safety Bureau.....	14681
Public Roads Bureau.....	14813
Federal Railroad Administration.....	14223
National Transportation Safety Board.....	14717
Treasury Department.....	14946
Customs Bureau.....	14074
Engraving and Printing Bureau.....	14157
Internal Revenue Service.....	14410
Secret Service.....	14851
Veterans Administration.....	14960

Monthly Catalog

NO. 897 • OCTOBER 1969

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.
Washington, DC 20250

- ARS (series). A 77.15: (nos.)
- 13537 34-106. Catalog of genera, species, and subordinate taxa in orange subfamily Aurantiodeae (Rutaceae) crops research [with list of literature cited; by J. B. Carpenter and P. C. Reece]. May 1969, cover title, 181 p. 4° ([Crops Research Division.]) [Text on p. 2 and page 181 on p. 8 of cover.] ‡
L.C. card 71-603660
- 13538 44-211. DHIA sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and Red Poll sires. May 1969, cover title, 465 p. 4° [Text on p. 2 of cover.] ‡ • Item 25-B
- 13539 44-212. DHIA cow performance index list, registered progeny of DHIA sires, Sept. 1968-May 1969. Aug. 1969, cover title, 464 p. 4° [Text on p. 2 of cover.] ‡ • Item 25-B
- 13540 91-76. Recommended standard procedures for laboratory diagnosis of tuberculosis in animals [with list of literature cited; prepared by Animal Health Division]. July 1969. [1]+27 p. 11. 4° ‡
L.C. card 72-603655
- 13541 Grasshopper survey, species field guide. Oakland, Calif., May 1969. [1]+23 p. 11. 1 pl. 4° (Plant Pest Control Division.) ‡ A 77.306/3: G 76
- 13542 Index-catalogue of medical and veterinary zoology: supp. 16, pt. 6, Parasite-subject catalogue: Subject headings and treatment; by Dorothy B. Segal [and others]. July 1969. iii+138 p. 4° (Animal Disease and Parasite Research Division.) * Paper, \$1.25. • Item 31
L.C. card 63-65031 A 77.219/2: 16/pt.6
- 13543 Index-catalogue of medical and veterinary zoology: supp. 17, pt. 4, Parasite-subject catalogue. parasites, Nematoda and Acanthocephala; by Dorothy B. Segal [and others]. July 1969. iii+269 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) * Paper, \$2.00. • Item 31
L.C. card 63-65031 A 77.219/2: 17/pt.4
- 13544 Index-catalogue of medical and veterinary zoology: supp. 17, pt. 5, Parasite-subject catalogue: parasites: Arthropoda and miscellaneous phyla; by Dorothy B. Segal [and others]. July 1969. v+290 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) * Paper, \$2.25. • Item 31
L.C. card 63-65031 A 77.219/2: 17/pt.5
- 13545 National tick surveillance program calendar year 1967. Apr. 15, 1968. 15 p. 11. 4° (Animal Health Division.) ‡ A 77.237/2: 967
- 13546 Northern Utilization Research and Development Division. [May 1969.] cover title, 32 p. 11. [Text on p. 2 and 3 of cover.] ‡ A 77.2: N 81/969
- 13547 Plant quarantine import requirements of France. Aug. 19, 1969. 6 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes summary, June 8, 1964, and TM, May 18, 1966.] ‡ A 77.329: F 844/969

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

Page 1

GOVERNMENT PUBLICATIONS

- 13548 Plant quarantine import requirements of French Guiana. Aug. 19, 1969. 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 646, Sept. 26, 1958.] † A 77.329: F 88
- 13549 Plant quarantine import requirements of Guadeloupe. Aug. 19, 1969. 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 650 (Guadeloupe and Martinique), Nov. 12, 1958.] † A 77.329: G 93
- 13550 Plant quarantine import requirements of Iran. Aug. 12, 1969. 2 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 449, Apr. 18, 1947.] † A 77.329: Ir 1
- 13551 Plant quarantine import requirements of Martinique. Aug. 19, 1969. 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 650, (Guadeloupe and Martinique) Nov. 12, 1958.] † A 77.329: M 36
- 13552 Plant quarantine import requirements of Réunion. Aug. 19, 1969. 5 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 640, Aug. 26, 1958.] † A 77.329: R 31
- 13553 Report of cooperative tick eradication activities, fiscal year 1968. Nov. 6, 1968. 7 p. il. 4° (Animal Health Division.) † L.C. card 63-60859 A 77.237: 968
- 13554 Report of [19th] National Poultry and Turkey Improvement Plans Conference, July 15-17, 1968, Cincinnati, Ohio. [1968.] 6+11+[4] leaves, 4° (Animal Husbandry Research Division.) † A 77.202: N 21/968
- 13555 Reported arthropod-borne encephalidites in horses and other equidae, calendar year, 1967; [prepared by Animal Health Division]. June 1968. 7 p. il. 4° † A 77.230/2: 967
- 13556 U.S.D.A. summary of registered agricultural pesticides chemical uses: v. 2, Fungicides and nematocides. 3d edition. [Mar. 31, 1969.] [1]+x p.+205 leaves, 4° (Pesticide Regulation Division.) [Includes additions, deletions, and supplements since issuance of 2d edition July 1, 1964. Issued in looseleaf form.] * Paper, \$3.50. • Item 44 L.C. card 61-60934 A 77.302: P 43/4/969/v.2
- 13557 Veterinary Biologics Division notice no. 9: Biological products produced [and destroyed] in licensed establishments during fiscal year 1969. Aug. 6, 1969. 6 p. 4° (Veterinary Biologics Division.) † A 77.226/3: 9

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

- 13558 1967 annual report and statistical summary of programs administered by Massachusetts ASCS State Office. Amherst, Mass. [1969]. cover title, 19 leaves, 4° † L.C. card 70-602006 A 82.1/2: M 38/967
- 13559 ASCS, Iowa program summary, 1968. [Apr. 1969.] cover title, [1]+51 p. il. 4° ([Iowa ASCS State Office, Des Moines, Iowa.]) † L.C. card 78-603276 A 82.1/2: Io 9/968
- 13560 ASCS programs administered by counties, by congressional districts, 1968. [1969.] [217] p. 4° (California State Office.) † L.C. card 70-603472 A 82.1/2: C 12/968-2
- 13561 Georgia, ASCS, 1968 activity summary by congressional districts. cover title, [4] p.+[41] leaves, 4° † L.C. card 75-603452 A 82.1/2: G 29/968-2
- 13562 Idaho, annual activity summary [1967], 1st Congressional District. Revised Apr. 1968. [1969.] cover title, 20 p. 4° † A 82.1/2: Id 1/967-2/1st dist.
- 13563 Idaho, annual activity summary [1968], 1st Congressional District. Mar. 1969. cover title, [8] leaves, 4° † A 82.1/2: Id 1/968-2/1st dist.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 13564 Idaho, annual activity summary [1967], 2d Congressional District. Revised Apr. 1968. [1969.] cover title, 21 p. 4° ‡ A 82.1/2: Id 1/967-2/2d dist.
- 13565 Idaho, annual activity summary [1968], 2d Congressional District. Mar. 1969. cover title, [6] leaves, 4° ‡ A 82.1/2: Id 1/968-2/2d dist.
- 13566 Kansas, congressional district summary, 1968. [1969.] cover title, 18 p.+28 leaves, 4° ‡
L.C. card 72-603454 A 82.1/2: K 13/968-2
- 13567 Maine, 1967 program year report. [1969.] cover title, [1]+22 leaves, 4° ([Maine ASC State Committee], Orono, Maine.) ‡
L.C. card 68-62948 A 82.1/2: M 28/967
- 13568 Maine, 1968 program year report. [1969.] cover title, [1]+20 leaves, 4° ([Maine State ASC Committee], Orono, Maine.) ‡
L.C. card 68-62948 A 82.1/2: M 28/968
- 13569 Oklahoma, 1968 activity summary, 1st Congressional District, Page Belcher. [1969.] cover title, [2] leaves, 4° ‡ A 82.1/2: Ok 4/968-2/1st dist.
- 13570 Oklahoma, 1968 activity summary, 2d Congressional District, Ed Edmondson. [1969.] cover title, [6] leaves, 4° ‡ A 82.1/2: Ok 4/968-2/2d dist.
- 13571 Oklahoma, 1968 activity summary, 3d Congressional District, Carl Albert. [1969.] cover title, [6] leaves, 4° ‡ A 82.1/2: Ok 4/968-2/3d dist.
- 13572 Oklahoma, 1968 activity summary, 4th Congressional District, Tom Steed. [1969.] cover title, [4] leaves, 4° ‡ A 82.1/2: Ok 4/968-2/4th dist.
- 13573 Oklahoma, 1968 activity summary, 5th Congressional District, John Jarman. [1969.] cover title, [2] leaves, 4° ‡ A 82.1/2: Ok 4/968-2/5th dist.
- 13574 Oklahoma, 1968 activity summary, 6th Congressional District, John H. Camp. [1969.] cover title, [6] leaves, 4° ‡
A 82.1/2: Ok 4/968-2/6th dist.
- 13575 Pender-New Hanover County ASCS 1968 annual report. Burgaw, N.C. [1969.] cover title, [2]+22 leaves, 1l. 4° ‡
L.C. card 78-603434 A 82.1/2: P 37/968
- 13576 Pennsylvania, compilation by congressional districts of ASCS program activities for 1968. [1969.] cover title, [38] leaves, 4° ‡
L.C. card 76-603471 A 82.1/2: P 38/968-2
- 13577 South Carolina, annual congressional district summary [1968], Congressional District 1. [1969.] cover title, [5] leaves, 4° ‡
A 82.1/2: So 8c/968-2/dist.1
- 13578 South Carolina, annual congressional district summary [1968], Congressional District 2. [1969.] cover title, [5] leaves, 4° ‡
A 82.1/2: So 8c/968-2/dist.2
- 13579 South Carolina, annual congressional district summary [1968], Congressional District 3. [1969.] cover title, [5] leaves, 4° ‡
A 82.1/2: So 8c/968-2/dist.3
- 13580 South Carolina, annual congressional district summary [1968], Congressional District 4. [1969.] cover title, [4] leaves, 4° ‡
A 82.1/2: So 8c/968-2/dist.4
- 13581 South Carolina, annual congressional district summary [1968], Congressional District 5. [1969.] cover title, [5] leaves, 4° ‡
A 82.1/2: So 8c/968-2/dist.5
- 13582 South Carolina, annual congressional district summary [1968], Congressional District 6. [1969.] cover title, [5] leaves, 4° ‡
A 82.1/2: So 5c/968-2/dist.6

GOVERNMENT PUBLICATIONS

AGRICULTURE DEPARTMENT Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

- 13583 Directory of Agricultural Research Service; [prepared by Information Division]. [Sept. 1969.] cover title, ii+135 p. [Text on 2 p. of cover.] * Paper, 60c. • Item 6-A

L.C. card Agr 68-96

A 1.89/3: Ag 8/969

Farmers' bulletins. • Item 9

A 1.9: (nos.)

- 13584 2147. Boll Weevil, how to control it: [prepared by Entomology Research Division, Agricultural Research Service]. [Revised Sept. 1969.] [1969.] 12 p. il. [Replaces all previous editions.] * Paper, 10c.

L.C. card 76-603526

- 13585 2209. Slaughtering, cutting, and processing beef on farm; [by Richard L. Hiner]. [July 1965, slightly revised Aug. 1969.] [1969.] 32 p. il. ([Animal Husbandry Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1415, Beef on farm, slaughtering, cutting, curing.] * Paper, 25c.

L.C. card 78-603643

- 13586 2242. Housing and equipment for sheep; [prepared by Animal Husbandry Research Division and Agricultural Engineering Research Division, Agricultural Research Service]. [Aug. 1969.] 12 p. il. [Supersedes Farmers' bulletin 810, Equipment for farm sheep raising.] * Paper, 10c

L.C. card 75-603314

Home and garden bulletins. • Item 11

A 1.77: (nos.)

- 13587 5. Food for family with young children; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Revised Apr. 1960, slightly revised Aug. 1969.] [1969.] 16 p. il. * Paper, 10c.

L.C. card 75-603645

- 13588 8. Home canning of fruits and vegetables; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [Revised Feb. 1965, slightly revised Sept. 1969.] [1969.] 32 p. il. [Includes more information when you preserve food at home, list of other publications of Agricultural Research Service.] * Paper 20c.

L.C. card 71-603644

- 13589 10. Home freezing of fruits and vegetables; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [Revised May 1965, slightly revised Sept. 1969.] [1969.] 48 p. il. * Paper, 20c.

L.C. card 79-603453

- 13590 74. Food and your weight; [by Louise P. Page and Lillian J. Fincher]. [Nov. 1960, slightly revised Aug. 1969.] [1969.] [2]+30 p. il. ([Consumer and Food Economics Research Division, Agricultural Research Service.]) * Paper, 15c.

L.C. card 71-603451

Home economics research report.

- 13591 36. Pantothenic acid, vitamin B6, and vitamin B12 in foods [with list of literature cited]; by Martha Louise Orr. Aug. 1969. [2]+53 p. 4° (Consumer and Food Economics Research Division, Agricultural Research Service.) * Paper, 55c. • Item 11-B

L.C. card 79-603654

A 1.87: 36

Household food consumption survey 1965-66, Report.

- 13592 6. Dietary levels of households, in United States, spring 1965 [with list of literature cited; by Sadye F. Adelson and Betty Peterkin]. [July 1969.] cover title, ii+117 p. il. oblong 8° ([Consumer and Food Economic Research Division, Agricultural Research Service.]) [Includes list of selected publications from other surveys of family food consumption and dietary levels.] * Paper, \$1.00. • Item 11-A

A 1.86: 6/2

Leaflet.

- 13593 492. Common liver fluke in sheep; [prepared by Animal Disease and Parasite Research Division, Agricultural Research Service]. [Revised Sept. 1969.] [1969.] 8 p. il. * Paper, 10c. • Item 12

A 1.35: 492/2

Marketing research report.

- 13594 848. Spinning performance and yarn quality as affected by lint color and trash in field-exposed cotton, 1966-67 crop year; [by Edward H. Shanklin, Preston E. Laferney and Warren E. Garner]. [Sept. 1969.] [2]+14 p. 4° (Agricultural Research Service.) [Prepared in cooperation with Economic Research Service.] * Paper, 15c. • Item 13-B

L.C. card 73-603528

A 1.82: 848

Miscellaneous publications. • Item 13-A

A 1.38: (nos.)

- 13595 798. Scientific careers in Agricultural Research Service; [prepared by Personnel Division, Agricultural Research Service]. [Revised July 1969.] [1969.] cover title, 36 p. il. oblong 12° [Text on p. 2-4 of cover.] * Paper, 55c.

L.C. card 74-603669

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 13596 956. Engineers in Soil Conservation Service. [Feb. 1964, slightly revised July 1969.] [20] p. ll. oblong 8° †

PA [Program aid] (series). † ● Item 14-A A 1.68:(nos.)

- 13597 399. Packers and stockyards act, what it is, how it operates. [Slightly revised Aug. 1969.] [1969.] [2]+8 p. ll. (Packers and Stockyards Administration.)
- 13598 591. Your livestock claims, Packers and stockyard act can help you recover losses. [Slightly revised July 1969.] [1969.] [2]+6 p. 4° (Packers and Stockyards Administration.)
- 13599 666. Saving the forests and related wildlife resources from insects and diseases. [Slightly revised Aug. 1969.] [1969.] 12 p. ll. oblong 24° (Forest Service.) [Supersedes PA 593, Holding the line, July 1965.]
- 13600 705. Farmers Home Administration strengthens family farms, strengthens rural communities, reduces rural poverty. [Revised Aug. 1969.] [1969.] [6] p. narrow 8° (Farmers Home Administration.)
- 13601 915. Pestina says, help stop spread of plant pests; [prepared by Plant Quarantine Division]. [July 1969.] [4] p. ll. narrow 8° (Agricultural Research Service.) [Supersedes PA-720, Don't help hitch-hiking bugs.]
- 13602 918. Traffic regulation and law enforcement on national forest development road system. [Aug. 1969.] [1]+10 p. narrow 8° (Forest Service.)

Picture story.

- 13603 221. Camille, food help. Aug. 1969. [2] p. ll. 4° (Food and Nutrition Service.) † A 1.100:221

Production research reports. ● Item 13-C A 1.84:(nos.)

- 13604 108. Rearing cotton insects in laboratory [with list of literature cited; by Raymond Patana]. [June 1969.] [2]+6 p. ll. 4° ([Entomology Research Division] Agricultural Research Service.) [Prepared in cooperation with University of Arizona Agricultural Experiment Station.] †
- 13605 109. Rearing cotton insect parasites in laboratory [with list of literature; by D. E. Bryan, C. G. Jackson, and Adair Stoner]. [Aug. 1969.] [2]+13 p. ll. 4° ([Cotton Insects Biological Control Investigations, Agricultural Research Service.] [Prepared in cooperation with University of Arizona Agricultural Experiment Station.] * Paper, 15c.

- 13606 1968 [progress] report on pesticides and related activities, research, education, information, regulation, control, monitoring, for assuring adequate supplies of wholesome, economic food and fiber, [and for] managing environment for long range good of man. June 1969. cover title, iv+264+[1]+A-7 p. 4° (Agriculture Department and cooperators.) † (Limited distribution), Research Program Development and Evaluation Staff, Room 331-E, Administration Bldg., USDA, Washington, DC 20250

L.C. card 77-601662

A 1.2:P 43/3/968

Statistical bulletin.

- 13607 333. Livestock and meat statistics, supplement for 1968. [July 1969.] vi+161 p. 4° (Economic Research Service, Statistical Reporting Service, Consumer and Marketing Service.) * Paper, \$1.25. ● Item 15
L.C. card Agr 58-260 A 1.34:333/supp.968

Technical bulletin.

- 13608 1398. Nearctic sawflies: 2, Selandriinae, adults (Hymenoptera: Tenthredinidae) [with list of literature cited]; by David R. Smith. [Sept. 1969.] iv+48 p. ll. 10 pl. (Agricultural Research Service.) * Paper, 40c. ● Item 16
L.C. card 78-603694 A 1.36:1398

- 13609 Telephone directory, Department of Agriculture; issued by Office of Plant and Operations. Aug. 1969. cover title, 3-142 p. [Text on p. 2-4 of cover.] * Paper, 35c. A 1.89:969-2

AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

Air Force manual AFM (series). † ● Item 421 D 301.7:(nos.)

- 13610 11-2. Administrative practices: Air Force manual of abbreviations; Aug. 15, 1969. [1969.] cover title, [1]+53 p. 4° [Issued with perforations. Supersedes AFM 11-2, Mar. 22, 1968.]
- 13611 72-3. See Defense Department, Defense Supply Agency manual DSAM 4130.2.
- 13612 85-1. Civil engineering, general: Resources and work force management, Change 1. Aug. 7, 1969. [174] p. 4° [Issued with perforations.]
- 13613 88-7, chap. 4. See Army Department, Technical manual 5-822-4.

✦For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Air Force pamphlet AFP (series).

- 13614 71-4, v. 1. See Defense Department, Defense Supply Agency manual DSAM 4145.2, v. 1.
 13615 85-1. Civil engineering, general: Electrical facilities safe practices handbook. Change 1, Aug. 6, 1969. [1969.] [4] p. 12° [Issued with perforations.] † ● Item 421-A D 301.35: 85-1/ch.1
 13616 168-1. See Armed Forces Information and Education, DoD pamphlet PA-3B
 13617 Air University abstracts of research reports, v. 12, 1968. iv+123 p. 4° (Air University Library, Maxwell Air Force Base, Ala.) †
 L.C. card 58-61099 D 301.26/20: 12

Air Weather Service: Technical report.

- 13618 213. 2d annual survey report on Air Weather Service weather-modification program [FY 1969]: by Herbert S. Appleman. June 1969. [1]+1+16 p. 11. 4° [Issued with perforations.] † D 301.40: 213
 13619 Build-up in Korea, Fifth Air Force report. [1969.] cover title, 28 p. 11. 4° †
 L.C. card 75-60688 D 301.2: K 84

Environmental Technical Applications Center: Technical note.

- 13620 69-6. Annotated climatological bibliography of India: by Dennis L. Boyer and Alvin L. Smith, Jr. Aug. 1969. vi+55 p. 4° † D 301.40/2: 69-6
 13621 Lithograph series, set 2, southeast Asia paintings, U.S. Air Force. [1969.] 12 colored prints each 17 x 22 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$2.00 per set. D 301.76: 2
 13622 Lithograph series, set 3, U.S. Air Force. [1969.] 12 colored prints each 17 x 22 in. or 22 x 17 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$2.00 per set. D 301.76: 3
 13623 Lithograph series, set 4, U.S. Air Force. [1969.] 12 colored prints each 17 x 22 in. or 22 x 17 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$2.00 per set. D 301.76: 4
 13624 Lithograph series, set 6, U.S. Air Force. [1969.] 12 colored prints each 17 x 2 1/2 in. or 22 x 17 in. [Colored lithographs suitable for framing. Issued in envelope.] * Paper, \$2.00 per set. D 301.76: 6
 13625 Military Airlift Command, Airlift Service management report, 20th year, July 1967-June 1968. [1969.] cover title, 32 p. 11. 4° [Prepared by DCS/Comptroller Headquarters, MAC.] † D 301.56/3: 967-68

OAR (series). (Office of Aerospace Research.)

- 13626 69-0007. Air Force research resumes, 1968. Office of Aerospace Research [v. 7]. [1969.] [851] p. 4° (Office of Scientific and Technical Information.) †
 * Paper, \$3.00 (AD 689900). ● Item 422-B
 L.C. card 63-61428 D 301.69/3: 69-0007

School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.)

- 13627 2-69. Theories of mechanism of action of inhalation anesthetics [with list of references; by] Clayton Petty. Apr. 1969. [1]+35 p. 11. 4° †
 D 301.26/13-4: 2-69

School of Aerospace Medicine: Technical report SAM TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) † D 301.26/13-6: (nos.)

- 13628 68-137. Radioprotection of primates with 2-(1-decylamino) ethanethiosulfuric acid in dimethyl sulfoxide [with list of references; by] Horace E. Hamilton, George S. Melville, Jr., Emmett J. Stork. Dec. 1968. cover title, iii+11+[2] p. 11. 4° ([Task 775703.])
 13629 69-1. Further survey of compounds for radiation protection: by Vivian Plzak, John Doull. Feb. 1969. cover title, v+82+[2] p. 4° ([Contract 41 (609)-2977, task 775703.])
 13630 69-17. Trends in aircrew attitudes and job-satisfaction: 2-year study [with list of references; by] George K. Cantrell. Apr. 1969. cover title, iii+18+[2] p. 4° ([Task 775504.])
 13631 69-21. Effects of pH, CO₂, and buffering systems on lactic acid production in rat liver slices [with list of references; by] William G. Soucie. Apr. 1969. cover title, iii+5+[2] p. 11. 4° ([Task 775801.])
 13632 69-24. Modified ⁵⁹Fe ferrokinetic procedure [with list of references; by] Donald F. Logsdon, Jr., James P. Green, John W. Harper. Apr. 1969. cover title, iii+4+[2] p. 11. 4° ([Task 775502.])
 13633 69-33. Battery life and moisture penetration of subdermally implanted devices [with list of references; by] Henry Buchanan, Willis F. Moore, Calvin R. Richter. June 1969. cover title, iii+10+[2] p. 11. 4° ([Task 632002.]) [Correction sheet, 1 p. oblong 24° was issued also.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

Special reports. (Office of Aerospace Research, Air Force Cambridge Research Laboratories, L. G. Hanscom Field, Bedford, Mass.) †

D 301.45/42 : (nos.)

- 13634 74. Bibliography of AFCRL publications from Oct. 1 to Dec. 1967. Apr. 1968. vii+64+[2] p. 4° (AFCRL-68-0193.)
- 13635 76. Bibliography of AFCRL publications from Jan. 1 to Mar. 31, 1968. Apr. 1968. vii+68+[2] p. 4° (AFCRL-68-0230.)
- USAF historical studies. (USAF Historical Division, Aerospace Studies Institute.) †
D 301.26/19 : (nos.)
- 13636 160. Development of German Air Force, 1919-39; by Richard Suchenwirth; edited by Harry R. Fletcher. June 1968. cover title, xxii+259 p. il. 4°
L.C. card 79-603697
- 13637 174. Command and leadership in German Air Force; by Richard Suchenwirth, edited by Harry R. Fletcher. July 1969. cover title, xix+351 p. il. 4°
L.C. card 75-603698
- 13638 Weighted airman promotion system. [1969.] 18+[2] p. il. 32° [Information subject to change.] † ● Item 424
D 301.2 : W 42

AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 13639 Air traffic training. Oct. 1, 1969. cover title, [1]+ii+38+[6] p. il. 4° (3120.4A.) [Issued with perforations. Effective date Oct. 1, 1969. Cancels Air traffic training handbook 3120.4, Feb. 15, 1967, Notice N 3120.12, May 12, 1969, and various orders.] † ● Item 431-D-1
TD 4.308 : A1 7
- 13640 Index of standard instrument approach procedures. July 31, 1969. cover title, [1]+137 p. 4° (Flight Services Division.) † TD 4.312 : 969
- 13641 International weather schedules service O, Change 7. [May 29, 1969.] [58] p. map, 4° (7330.6 CHG 7.) [Issued in looseleaf form. Cancellation date Jan. 1, 1970.] † ● Item 431-D-1
FAA 3.8 : W 37/2/966/ch.7
- 13642 Special military operations handbook, Change 2. [July 3, 1969.] [63] p. 4° (7610.4A CHG 2.) [Effective Nov. 1, 1969. Cancellation date Jan. 1, 1970. Issued in looseleaf form.] † ● Item 431-D-1
TD 4.308 : M 59/ch.2
- 13643 Terminal air traffic control handbook, Change 9. [July 3, 1969.] [92] p. il. 4° (7110.8 CHG. 9.) [Effective Oct. 1, 1969. Cancellation date Jan. 1, 1970. Issued in looseleaf form.] † ● Item 431-D-1
TD 4.308 : T 27/ch.9

AIRCRAFT DEVELOPMENT SERVICE, Transportation Dept. Washington, DC 20553

NOTE.—The Aircraft Development Service was established by the Administrator of Federal Aviation Administration in July 1962, with the mission to seek solutions to "hard core" aviation safety problems.

- 13644 Experiments with icephobic surfaces; by George C. Hay [1969.] [25] p. 4° [Presented to FAA symposium on aircraft ice protection, Apr. 30, 1969. FAA Washington headquarters.] † TD 4.602 : Ic 2
- 13645 Operational evaluation of STOL aircraft and related STOL developments [paper] by J. Clay Staples, Program Manager, Aircraft Division, Aircraft Development Service, Federal Aviation Administration, Washington, D.C., presented to 3d annual R&D report to industry, June 17, 1969. [1969.] [1]+6 p. 4° † TD 4.610 : St 2
- Report FAA DS (series).
- 13646 68-15. Study to determine flight profile and mission of certificated private pilot. final report; prepared by J. J. Eggspuehler, G. S. Weislogel et al. July 1968. v+82+[2] p. il. 4° ([Contract FA67WA-1760] : project 560-004-05H.) † TD 4.611 : 68-15
- 13647 Runway traction [paper] by R. C. McGuire, Program Manager, Airframe Aircraft Development Service, Federal Aviation Administration, Washington, D.C., presented to 3d annual R&D report to industry, June 17, 1969. [1969.] [1] p.+4 leaves, 4° † TD 4.610 : M 17

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 7

GOVERNMENT PUBLICATIONS

AIRPORTS SERVICE, Transportation Dept. Washington, DC 20553

- 13648 Opportunities for development of national airport system; by Chester G. Bowers. [1969.] 19 p. il. 4° [Presented at American Society of Civil Engineers national meeting on transportation engineering, Washington, D.C., July 22, 1969.] ‡ TD 4.102: Op 5
- 13649 Staff study, 1980 metropolitan area airport capacity analysis, location—Atlanta, Ga.; prepared by Louis N. Million. [June 19, 1969.] [1]+ii +[4]+18 p. il. 4° [Issued with perforations.] ‡ TD 4.102: M 56

APPALACHIAN REGIONAL COMMISSION 1666 Connecticut Avenue, NW, Washington, DC 20009

Appalachian research report.

- 13650 8. Preliminary analysis for development of central Appalachia, Kentucky, Tennessee, Virginia, West Virginia. [1969.] [137] p. il. 4° ‡
Y 3.Ap 4/2: 10/8

ARMED FORCES INFORMATION SERVICE, Defense Dept. Washington, DC 20301

DoD [pamphlet].

- 13651 PA-3B. Uniformed services health benefits program. Revised [edition]. [May 1969.] [4]+39 p. il. narrow 12° ([Army Dept.] DA Pam 360-505; [Navy Dept.] NAVPERS 15203B; [Air Force] AFP 168-1; [Marine Corps] NAVMC 2601; [Coast Guard] CG-144; [Public Health Service] PHS-CCPM Pam-16; [Environmental Science Services Administration] ESSA CO-3.) [Supersedes DoD PA-3a/DA Pam 360-505/NAVPERS 15203A/CG-144/PHS-CCPM Pam-16/ESSA CO-3/AFP 168-1 and NAVMC 2601, June 23, 1967.] ‡ ● Item 312-A
D 2.14: PA-3 B

ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

AMC pamphlet. (Army Materiel Command.)

- 13652 335-1. Reports, register of approved recurring reports. July 1969. cover title, iv+192 p. 4° [Quarterly. Issued with perforations. Supersedes AMCP 335-1, Jan. 31, 1969.] ‡ ● Item 322-A
L.C. card 67-60397 D 101.22/3: 335-1/16

Cold Regions Research & Engineering Laboratory, Hanover, N.H.: [Technical] report. (Army Materiel Command.)

- 13653 218. Shock tube experiments on snow [with list of literature cited]: by James L. Smith. June 1969. iv+16 [2] p. il. 4° (DA task, 1T-062112A13001, Terrestrial Sciences Center.) ‡ D 103.33: 218

Field manual FM (series). ‡ ● Item 324 D 101.20: (nos.)

- 13654 17-1. Armor operations; Change 1. Aug. 15, 1969. 73 p. il. 4° [Issued with perforations.]
- 13655 31-70. Basic cold weather manual, Change 1. Dec. 17, 1968. 2 p. 4° [Issued with perforations.]
- 13656 55-10. Army transportation movements management [with list of references]. June 1969. cover title. [181] p. il. 4° [Issued with perforations. Supersedes FM 55-4, Dec. 22, 1959; FM 55-4-1 (Test), Apr. 21, 1967; and FM 55-10, June 7, 1965.]

Natick Laboratories, Natick, Mass.: Technical reports. (Army Materiel Command.)

- 13657 69-28-ES. Environmental conditions relating to harmful insects of mainland southeast Asia [with selected bibliography]: by Edgar Bingham. Oct. 1968. vi+44+[20] p. il. 4° (Earth Sciences Laboratory, ES-40; project references 1T-062109A129.) ‡
D 106.21: 69-28-ES

Pamphlets. ● Item 327 (Rev. 1969) D 101.22: (nos.)

- 13658 135-2. Briefing on reemployment rights of members of Army National Guard and Army Reserve. Apr. 1969. cover title, 9 p. 4° [Corrected copy. Issued with perforations. Supersedes DA pamphlet 135-2, Oct. 6, 1967.] ‡

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 13659 360-303. Officers' call: The challenge of leadership. May 27, 1969, cover title, 144-[2] p. il. 4° [Text on p. 2-3 of cover. Supersedes DA Pam 355-26, 1961.] ‡
- 13660 550-7. Latin America and the Caribbean, analytical survey of literature, 1969 edition. Feb. 1969, cover title, viii+319 p. il. 38 maps, 5 are in pocket, 2 tab. 4° [Some maps are colored.] * Paper, \$8.25. L.C. card 76-603569

Technical manual TM (series). ‡ • Item 329 D 101.11: (nos.)

- 13661 5-822-4. Soil stabilization for roads and streets. June 1969, cover title, 18+[1] p. il. 4° (Department of Air Force manual AFM 88-7, chap. 4.) [Issued in looseleaf form. Supersedes TM 5-822-4, July 31, 1961, formerly designated as Corps of Engineers, Engineer manual EM 1110-345-304, and AFM 88-7, chap. 4, July 31, 1961.]
- 13662 5-823-3. Army airfield and heliport rigid and overlay pavement design. Oct. 10, 1968, Change 1. Aug. 20, 1969. [1]+10+1-3 p. 4° [Issued with perforations.]
- 13663 10-280. Field laundry, bath, and clothing exchange operations, Change 1. Aug. 6, 1968, 2 p. 4° [Issued with perforations.]

Technical research notes. (Behavioral Science Research Laboratory.)

D 101.60: (nos.)

- 13664 201. Team interpretation procedures, selection of teammates and role assignment; [by] George W. Doten and Robert Sadacca. Jan. 1969. [8]+27 p. 4° (U.S. Army Behavioral Science Research Laboratory, Army project 20662704A721, contract DA 49-092-ARO-65, Component integration work unit.) • Paper, \$3.00 (AD 688140).
- 13665 203. Factorially derived information measures for differential prediction of officer performance; [by] William H. Helme. Dec. 1968. [6]+20 p. 4° (Behavioral Evaluation Research Division, Army project 2J06216A722, Office prediction d-41.) • Paper, \$3.00 (AD 686288).
- 13666 206. Effect of disparity in photo scale and orientation on change detection; [by] C. L. Klingberg, C. L. Elworth, and Abraham H. Birnbaum. Jan. 1969. [8]+36 p. il. 4° (Army project 20662704A721, contract DA 49-092 ARO-92, Interpreter techniques a-51.) • Paper, \$3.00 (AD 688967).
- 13667 207. Effects of spectrum sampling on speech intelligibility [with list of literature cited; by] Anthony E. Castelnovo. Mar. 1969. [8]+19 p. il. 4° (Combat Systems Research Division; Army project 20062106A723, Monitor performance-c.) • Paper, \$3.00.

Technical research report. (Behavioral Science Research Laboratory.)

- 13668 1156. Implications of BESRL [Behavioral Science Research Laboratory] research for displays in tactical information processing [with bibliographies; by] James M. McKendry, Douglas J. Mace and James D. Baker. Jan. 1969. [8]+28 p. 4° (Support Systems Research Division; Army project 20062106A723, contract DA HC 19-68-C-0006, Tactical information processing b-11.) • Paper, \$3.00 (AD 688581).

D 101.60/2: 1156

USAAVLABS technical report. (Army Aviation Materiel Laboratories, Fort Eustis, Va.) ‡

D 117.8/2: (nos.)

- 13669 68-49D. Investigation of dynamic stability characteristics of quad configuration, ducted propeller V/STOL model: v. 4, Longitudinal stability characteristics of quad configuration, ducted-propeller V/STOL model at high duct incidence [with list of references]; by Howard C. Curtiss, Jr. May 1969, cover title, [1]+xvii+82+[2] p. il. 4° (Contract DAAJ02-67-C-9025; Department of Aerospace and Mechanical Sciences, Princeton University, Princeton, N.J.)
- 13670 68-73. Effect of test machine extensional rigidity on initial buckling load for unreinforced circular cylindrical shells in axial compression [with list of literature cited]; by W. H. Horton [and others]. Mar. 1969, cover title, [1]+ix+48+[2] p. il. 4° (Contract DA 44-177-AMC-258(T); Stanford University, Stanford, Calif.) [Errata, 1 p., issued also.]
- 13671 68-74. Capacitive measurement system for nondestructive testing of fiber glass reinforced plastic laminates; by Strether Smith, Jan. 1969, cover title, [1]+viii+24+[2] p. il. 4° (Contract DA 44-177-AMC-115(T); Department of Aeronautics and Astronautics, Stanford University, Stanford, Calif.) [Errata, 1 p., issued also.]
- 13672 68-75. Thermal ram, new concept for load application [with list of references]; by W. H. Horton, S. C. Bailey, Strether Smith, Jan. 1969, cover title, [1]+vi+24+[2] p. il. 4° (Contract DA 44-177-AMC-115(T); Department of Aeronautics and Astronautics, Stanford University, Stanford, Calif.) [Errata, 1 p., issued also.]
- 13673 68-76. Use of small and large displacement data from essentially elastic buckling tests on columns and plates as means of correlating theory and experiment [with list of literature cited]; by W. H. Horton, D. J. Tenerelli, B. T. Willey. Mar. 1969, cover title, [1]+ix+37+[2] p. il. 4° (Contract DA 44-177-AMC-258(T), Stanford University, Stanford, Calif.) [Errata, 1 p., issued also.]

•For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 9

GOVERNMENT PUBLICATIONS

USAAVLABS technical report—Continued

- 13674 68-77. Applicability of Southwell plot to interpretation of test data from instability studies of shell bodies [with list of references cited]; by W. H. Horton, F. L. Cundari. Mar. 1969. (Contract DA 44-177-AMC-258(T); Stanford University, Stanford, Calif.) [Errata, 1 p. issued also.]
- 13675 68-90c. Single-stage axial compressor component development for small gas turbines, v. 3. Supersonic compressor stage development by Charles H. Muller, Leslie B. Cox. June 1969. cover title, [1]+xvi+111+[2] p. il. 4°. (Contract DA 44-177-AMC-392(T); Curtiss-Wright Corporation, Wood-Ridge, N.J.) [Errata, 1 p. issued also.]
- 13676 69-7. Aerodynamic and aeroelastic characteristics of full-scale rotor blade stopped in flight [with list of references]; by Richard P. White, jr. Apr. 1969. cover title, [1]+xiv+126+[2] p. il. 4°. (Contract DA 44-177-AMC-386(T); Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.) [Errata, 1 p. issued also.]
- 13677 69-13. Review of preliminary evaluation of lifting horizontal-axis rotating-wing aeronautical systems (HARWAS) [with bibliographical listing]; by W. F. Foshag, G. D. Boshler. Mar. 1969. cover title, [1]+xxiv+396+[2] p. il. 4°. (Contract DAAJ02-67-C-0046, Aerophysics Company, Washington, D.C.) [Erratum, 1 p. issued also.]
- 13678 U.S. Army register: v. 1, Regular Army active list, Jan. 1, 1969, 1969. xiii+[3]+468 p. 4°. [Also issued as H. doc. 25, pt. 1, 91st Cong., 1st sess.] * Paper, \$4.25. ● Item 332
L.C. card 4-18250 D 102.9: 969/v.1
- 13679 — v. 2, Army NGUS, USAR, and other active lists, Jan. 1, 1969, 1969. xiii+[4]+1259 p. 4°. [Also issued as H. doc. 25, pt. 2, 91st Cong., 1st sess.] * Paper, \$9.50. ● Item 332
L.C. card 4-18250 D 102.9: 969/v.2
- 13680 — v. 3, Retired lists, Jan. 1, 1969, 1969. vi+[5]+398 p. 4°. [Also issued as H. doc. 25, pt. 3, 91st Cong., 1st sess.] * Paper, \$3.50. ● Item 332
L.C. card 4-18250 D 102.9: 969/v.3
- 13681 — v. 4, Officers' honorary retired list, Jan. 1, 1969, [1969.] [2]+8 p. [Also issued as H. doc. 25, pt. 4, 91st Cong., 1st sess.] * Paper, 10c ● Item 332
L.C. card 4-18250 D 102.9: 969/v.4
- 13682 Where the leaders are. [June 1969.] [20] p. il. narrow 8° ([RPI 699-B].) † ● Item 325 D 101.2: L 46/969
- 13683 Your military obligation. Apr. 1969. [2] p. oblong 8° † ● Item 325 D 101.2: M 59/3

ATOMIC ENERGY COMMISSION Washington, DC 20545

- 13684 AEC news release index, Jan.-June 1969; prepared by Division of Technical Information Extension, July 1969. [3]+8 p. 4° † U.S. Atomic Energy Commission, Division of Public Information, Washington, DC 20545
L.C. card 59-62302 Y 3.At 7: 44 N 47/960
- AEC research and development reports. Y 3.At 7: 22/(letters-nos.)
- 13685 AEC-tr-7013. Radiobiology, v. 8, no. 6, 1968 [articles with bibliographies]. [May 1969.] cover title, [1]+a-d+232 p. il 4°. (Division of Technical Information.) [Translation of publication of Academy of Sciences, USSR.] † Paper, \$3.00
- 13686 CEND-337 (v. 1). 1000 MWe LMFBR liquid metal fast breeder reactor follow-up study: Combustion Engineering, task 2 and 3 report, Reference conceptual design of 1000 MWe LMFBR, v. 1, Conceptual system design descriptions [with lists of references]. [1969.] cover title, [2]+xi+105 p. 22 p. of pl. 4°. (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract 31-109-38-1999, Nuclear Power Department, Combustion Engineering, Inc., Windsor, Conn.] † Paper, \$3.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

13687 CEND-337 (v. 2).

1000 MWe LMFBR liquid metal fast breeder reactor follow-up study: Combustion Engineering, task 2 and 3 report. Reference conceptual design of 1000 MWe LMFBR, v. 2, Static design and performance analyses [with list of references]. [1969.] cover title, [1]-viii+107+[4] p. 37 pl. 4^o (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract 31-109-38-1999, Nuclear Power Department Combustion Engineering, Inc., Windsor, Conn.] ♦ Paper, \$3.00.

13688 CEND-337 (v. 3).

1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: Combustion Engineering, task 2 and 3 report. Reference conceptual design of 1000 MWe LMFBR, v. 3, Safety and control analyses [with list of references]. [Sept. 1968.] cover title, [212] p. 11. 4^o (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract 31-109-38-1999.] ♦ Paper, \$3.00.

13689 CEND-346.

1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: Combustion Engineering, task 4 report, Research and development program needed for C-E reference concept [with lists of references]. [Feb. 1969.] cover title, vi+200 p. 11. 4^o (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract 31-109-38-1999.] ♦ Paper, \$3.00.

13690 CONF-670846.

Conference on special topics on nuclear education, and research held in Gatlinburg, Tenn., Aug. 25-30, 1967 [with lists of references]. [Apr. 1969.] cover title, iii+284 p. 11. 4^o ♦ Paper, \$3.00.

13691 GEAP-5769.

1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: General Electric, task 4 report, Research and development requirements for 1000 MWe sodium-cooled fast reactor [with list of references]. [Apr. 1969.] cover title, [231] p. 11. 4^o (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract 31-109-38-1997.] ♦ Paper, \$3.00.

13692 HASL-205.

Experimental and theoretical studies of transport of gamma rays through slab shields [with list of references; by Burton G. Bennett, Gail deP. Burke, and Harold L. Beck]. Jan. 1969. cover title, vi+46 p. 11. 4^o (Division of Technical Information; Health and Safety Laboratory, AEC, New York Operations Office, New York, N.Y.) ♦ Paper, \$3.00.

13693 HASL-206.

Feasibility study of using LiF detectors in neutron flux integrator [with list of references; by Arthur S. Lazanoff, James E. McLaughlin]. Mar. 1969. cover title, iv+28 p. 11. 4^o (Health and Safety Laboratory, AEC, New York Operations Office, New York, N.Y.) ♦ Paper, \$3.00.

13694 HASL-210.

Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1969; prepared by Edward P. Hardy, Jr., Joseph Rivera]. July 1, 1969. cover title [234] p. 11. 4^o (Environmental Studies Division, New York Operations Office.) [Includes list of recent publications related to radionuclide studies.] ♦ Paper, \$3.00.

13695 HASL-210, app.

Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1969], appendix. July 1, 1969. cover title [385] p. 11. ♦ Paper, \$3.00.

13696 IDO-12069.

L.C. card 68-62525
Injection of gas into lithosphere at National Reactor Testing Station, Idaho Falls, Idaho [with list of references; compiled by Bruce L. Schmalz]. June 1969. cover title, xii+166 p. 11. 4^o ([Environmental Branch, Health Services Laboratory], Idaho Operations Office.) ♦ Paper, \$3.00.

13697 JLI-3506-41.

Basic development and applications of bubble chambers for low level counting, final report [with list of references; prepared by C. P. Petroff, W. S. Koski, and J. R. Waters]. Jan. 31, 1969. cover title, vii+104 p. 11. 4^o (Johnson Laboratories, Incorporated, Cockeysville, Md.; [AEC contract AT(30-1)-3506.]) ♦ Paper, \$3.00.

13698 NBL-247.

Annual progress report for period July 1967-June 1968 [with lists of references]; Apr. 1969. cover title, vii+78 p. 11. 4^o (New Brunswick Laboratory, New Brunswick, N.J.) ♦ Paper, \$3.00.

GOVERNMENT PUBLICATIONS

AEC research and development reports—Continued

- 13699 NVO-40 (rev. 2). Technical discussions of offsite safety programs for underground nuclear detonations [with bibliographies; prepared by Administrative Publications Section, Reynolds Electrical & Engineering Co., Inc.]. May 1969, cover title, v+311 p. ll. 4° (Nevada Operations Office.) ♦ Paper, \$3.00.
- 13700 NYO-2740-6. Annual report on research project [Radiation physics, biophysics, and radiation biology], Jan. 1, 1969 [with bibliographies]. Apr. 1969, cover title, 379 p. ll. 4° (Radiological Research Laboratory, Columbia University, New York, N.Y.) ♦ Paper, \$3.00.
- 13701 NYO-3740-2. Portable cesium irradiator operational reports 1 and 2; [prepared by Carl B. Wootten, W. B. Grant]. Mar. 1968. [39] p. ll. 4° (Division of Technical Information.) (Isotopes, Inc., Westwood, N.J.) ♦ Paper, \$3.00.
- 13702 NYO-3740-3. Atomic Energy Commission mobile cesium irradiator visit to Washington State, Oct. 1967-Mar. 1968; [Prepared by Office of Nuclear Energy Development, Department of Commerce & Economic Development, State of Washington, for Division of Isotopes Development.] [Apr. 1968.] cover title, [51]+156 p. ll. ([Contract AT (30-1)-3740.] ♦ Paper, \$3.00.
- 13703 NYO-3864-1. Development of radioactive pebble bed chemical reactor system, phase 2 report [with list of references; prepared by J. Y. Yang, H. T. Cullinan (and: C. C. Thomas, jr.). Feb. 14, 1969, cover title, v+64 p. ll. 4° (Division of Technical Information; Western New York Nuclear Research Center, Incorporated, Buffalo, N.Y.) ♦ Paper, \$3.00.
- 13704 PNE-322. Plowshare, civil, industrial and scientific uses for nuclear explosives: [Project] Buggy, preshot geologic and engineering properties investigations [with list of references]; by R. J. Lutton, R. W. Hunt, R. E. Rowland. Apr. 1969, cover title, 103 p. ll. 4° (Army Engineer Waterways Experiment Station, Corps of Engineers, Vicksburg, Miss.) [Prepared for Army Engineer Nuclear Cratering Group, Livermore, Calif.] ♦ Paper, \$3.00.
- 13705 PNE-611. Plowshare, peaceful uses for nuclear explosives, Project Dugout, Nevada test site, June 24, 1964: Seismic interference & reciprocity for HE row charge, final report [with list of references; by P. C. Loux and J. R. Murphy]. June 27, 1969, cover title, [40] p. ll. 4° (Environmental Research Corporation, Alexandria, Va; [contract AT (29-2)-1163].) ♦ Paper, \$3.00.
- 13706 PNE-806F. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Handcar, Nevada test site, Nov. 5, 1964: Analysis of data on ground motion and containment [with list of references]. May 12, 1969, cover title [56] p. ll. 4° (Environmental Research Corporation, Alexandria, Va.; [contract AT(29-2)-1163].) ♦ Paper, \$3.00.
- 13707 PNE-956. Plowshare, civil, industrial and scientific uses for nuclear explosives: Cabriole, ecological and environmental effects from local fallout from Cabriole; 1. Radiation doses and short-term effects on vegetation from close-in fallout [with list of references; by William A. Rhoads and others]. June 25, 1969, cover title, viii+65 p. ll. 4° ([Project CEP-67.3]; EG&G, Inc., Goleta, Calif.) ♦ Paper, \$3.00.
- 13708 PNE-5004F. Plowshare, U.S. Army Corps of Engineers, civil, industrial and scientific uses for nuclear explosives: Construction techniques and costs for underground emplacement of nuclear explosives [with bibliography]; by J. L. Hair. Apr. 1969. [297] p. ll. 4° [Prepared for U.S. Army Engineer, Nuclear Cratering Group, Livermore, Calif.] ♦ Paper, \$3.00.
- 13709 RME-150. Preliminary reconnaissance for uranium in Arkansas, Illinois, Kentucky, Michigan, Minnesota, Missouri, Ohio, and Wisconsin, 1952-56, Aug. 1968, cover title, 89 p. ll. 4° (Division of Raw Materials, Atomic Energy Commission and Geological Survey.) [Page 89, last page of text, printed on p. 3 of cover.] ♦ Paper, \$3.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 13710 RME-151. Preliminary reconnaissance for uranium in Kansas, Nebraska, and Oklahoma, 1951-56. Aug. 1968. cover title, 73 p. il. 4° (Grand Junction Office, Atomic Energy Commission, Grand Junction, Colo., and Geological Survey, Washington, D.C.) [Page 73, last page of text, printed on p. 3 of cover.] * Paper, \$3.00.
- 13711 RME-4103. Preliminary reconnaissance for uranium in Maryland and Pennsylvania, 1953-57. Aug. 1968. cover title, 80 p. 4° (Division of Raw Materials, Atomic Energy Commission and Geological Survey.) * Paper, \$3.00.
- 13712 RME-4104. Preliminary reconnaissance for uranium in Alabama, Georgia, Mississippi, Tennessee, Virginia, and West Virginia, 1950-55. Aug. 1968. cover title, 77 p. 4° (Geological Survey.) * Paper, \$3.00.
- 13713 RME-4105. Preliminary reconnaissance for uranium in North and South Carolina, 1953-1956. Aug. 1968. cover title, 72 p. il. 4° (Division of Raw Materials, Atomic Energy Commission, and Geological Survey.) * Paper, \$3.00.
- 13714 TID-85 (7th rev.). Report number series used by Division of Technical Information in cataloging reports; [compiled by Helen W. White]. 7th revised edition Sept. 1969. [1969.] cover title, [5]+169 p. 4° [Supersedes all previous revisions including TID-85 (2d rev. supp.).] * Paper, \$3.00.
- 13715 TID-3525 (rev. 5, suppl. 4). Reactor safety, literature search; [compiled by Henry D. Raleigh]. [May 1969.] cover title, vi+65+85 p. 4° (Division of Technical Information Extension, Oak Ridge, Tenn.) * Paper, \$3.00.
- 13716 TID 8200 (20th rev.). Nuclear reactors built, being built, or planned in United States as of June 30, 1969; prepared by Office of Assistant General Manager for Reactors. [1969.] cover title, 34 p. 4° * Paper, \$3.00.
- 13717 TID-24923. Radiation-induced polymerization and copolymerization of unusual monomers [with list of references; prepared by V. T. Stannett, and others]. Jan. 8, 1968. cover title, ix+145 p. il. 4° (Division of Technical Information; Camille Dreyfus Laboratory, Research Triangle Institute, Durham, N.C.) * Paper, \$3.00.
- 13718 TID-25021. Summary of current seismic design practice for nuclear reactor facilities [with lists of references; by] John A. Blume and Associates, Engineers, San Francisco, Calif. Sept. 1967. viii+142 p. il. 4° (Division of Technical Information.) * Paper, \$3.00.
- 13719 TDI-25085. Control and reduction of oil mists from mechanical vacuum pumps, glovebox fire safety application [with bibliography; by R. D. Edwards, P. E. Johnson, and C. Yao.]. 1969. cover title, [1]+v+12+[17] p. il. 4° [Prepared by Factory Mutual Corporation.] * Paper, 45c. * Item 1051-C
- 13720 TID-[25086]. Evaluation of improved fire resistant glove materials for gloveboxes, glovebox fire safety application [with bibliography]; [by P. E. Johnson]. 1969. cover title, [1]+v+5+[2] p. il. 4° [Prepared by Factory Mutual Research Corporation. TID number incorrectly given as TID-25085.] * Paper, 25c. * Item 1051-C
- 13721 UNC-5236. Performance evaluation of heat exchangers for sodium-cooled reactors, final status report [with list of references; by K. Goldman, S. L. Israel, D. J. Nolan]. June 1969. cover title, ix+303 p. il. 4° (Research and Engineering Center, United Nuclear Corporation, Elmsford, N.Y.) * Paper, \$3.00.
- 13722 Radiation protection, past, present, and future, remarks by James T. Ramey, Commissioner, Atomic Energy Commission, at conference on universities, national laboratories, and man's environment, Chicago, Ill., July 28, 1969. [with list of references]. 1969. [28] leaves, 4° (8-25-69.) † Y 3.At 7: 34 R 14/22
- 13723 Science, technology and the citizen, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, at Nobel symposium on the place of values in a world of facts, Stockholm, Sweden, Sept. 17, 1969. 1969. 16 leaves, 4° (8-26-69.) † Y 3.At 7: 34 Se 1/181
- 13724 Telephone directory, Atomic Energy Commission. Aug. 1969. cover title, vi+82 p. [Text on p. 2-4 of cover.] * Paper, 75c. Y 3.At 7: 55/969-2

GOVERNMENT PUBLICATIONS

- 13725 Understanding nuclear power [with list of references], remarks by James T. Ramey, Commissioner, Atomic Energy Commission, at Conference on Nuclear Power, Burlington, Vt., Sept. 11, 1969. Sept. 15, 1969. [1]+13 leaves, 4° (S-28-69.) † Y 3.A7 7: 34 R 14/23

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20230

- 13726 Foreign regulations affecting U.S. textile/apparel exports. Sept. 15, 1968. [4]+102+9 p. 4° (Office of Textiles.) † C 41.2: T 31/5
L.C. card 74-603650
- 13727 Franchise company data for equal opportunity in business; [compiled by Sharon K. Gibson]. July 1969. xxi+147 p. 4° [Includes list of sources of franchising information.] † ● Item 215 C 41.2: F 84/969
L.C. card 67-60961
- 13728 Major government sources and statistics for marketing research, address by Jacob Epstein Katz, Director, Office of Marketing, Business and Defense Services Administration, Department of Commerce, prepared for delivery at Marketing Conference of American Marketing Association, Denver, Colo., May 13, 1969. 1969. 12 p. 4° † C 41.15: K 15/9
- 13729 Patterns of industrial growth: Shipments of fluorescent lamp ballasts, 1958-68. Aug. 1969. 3 p. 4° † Paper, 10c. C 41.90/5: B 21/958-68
- 13730 — Shipments of mining machinery and equipment, 1961-68. June 1969. 3 p. 4° † Paper, 10c. C 41.90/5: M 66/961-68
- 13731 U.S. imports of scientific, industrial, and technical instruments, 1958-67; [prepared by Fred E. Crosley, jr.]. July 1968. 4 p. † C 41.2: In 7/2/958-66/supp.

CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

- 13732 About census '70. [1969.] 4 p. † C 3.2: C 33/23
1967 census of business: Retail trade [area statistics] BC67-RA (series). [Preprint from v. 2, Retail trade, area statistics.] C 3.202/2: 967/(nos.)
- 13733 5. Arkansas. [Aug. 1969.] iv+54 p. ll. 4° * Paper, 65c. ● Item 132-A-5
13734 9. Delaware. [Aug. 1969.] iv+34 p. ll. 4° * Paper, 50c. ● Item 132-A-9
13735 11. Florida. [Sept. 1969.] iv+98 p. ll. 4° * Paper, \$1.00. ● Item 132-A-11
13736 15. Illinois. [Aug. 1969.] iv+108+[2] p. ll. 4° * Paper, \$1.25. ● Item 132-A-16
13737 16. Indiana. [Aug. 1969.] iv+90 p. ll. 4° * Paper, \$1.00. ● Item 132-A-17
13738 17. Iowa. [Aug. 1969.] iv+58 p. ll. 4° * Paper, 70c. ● Item 132-A-18
13739 18. Kansas. [Aug. 1969.] iv+54 p. ll. 4° * Paper, 60c. ● Item 132-A-19
13740 19. Kentucky. [Aug. 1969.] iv+60+[1] p. ll. 4° * Paper, 70c. ● Item 132-A-20
13741 24. Michigan. [Aug. 1969.] iv+96+[1] p. ll. 4° * Paper, \$1.00. ● Item 132-A-25
13742 25. Minnesota. [Sept. 1969.] iv+58 p. ll. 4° * Paper, 65c. ● Item 132-A-26
13743 29. Nebraska. [Aug. 1969.] iv+42 p. ll. 4° * Paper, 55c. ● Item 132-A-30
13744 32. New Jersey. [Aug. 1969.] iv+100 p. ll. 4° * Paper, \$1.00. ● Item 132-A-33
13745 34. New York. [Aug. 1969.] iv+144 p. ll. 4° * Paper, \$1.50. ● Item 132-A-35
13746 35. North Carolina. [Aug. 1969.] iv+90 p. ll. 4° * Paper, \$1.00. ● Item 132-A-38
13747 37. Ohio. [Sept. 1969.] iv+138 p. ll. 4° * Paper, \$1.25. ● Item 132-A-38
13748 38. Oklahoma. [Aug. 1969.] iv+62 p. ll. 4° * Paper, 65c. ● Item 132-A-39
13749 40. Pennsylvania. [Sept. 1969.] iv+132+[1] p. ll. 4° * Paper, \$1.25. ● Item 132-A-41
13750 44. Tennessee. [Aug. 1969.] iv+64+[1] p. ll. 4° * Paper, 65c. ● Item 132-A-45
13751 45. Texas. [Aug. 1969.] iv+148+[1] p. ll. 4° * Paper, \$1.50. ● Item 132-A-46
13752 50. West Virginia. [Aug. 1969.] iv+52 p. ll. 4° * Paper, 65c. ● Item 132-A-52
13753 51. Wisconsin. [Aug. 1969.] iv+82 p. ll. 4° * Paper, \$1.00. ● Item 132-A-53
- 1967 censuses of business, manufactures, and mineral industries, EC67 (series). [Prepared in Business Division.] C 3.202/16: 967/(nos.)
- 13754 1. Virgin Islands of United States. [Aug. 1969.] iv+21 p. ll. 4° * Paper, 50c. ● Item 132-A-49
13755 2. Guam. [Aug. 1969.] iv+22 p. ll. 4° * Paper, 50c. ● Item 132-A-13

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

1967 census of business: Selected services area statistics BC67-SA (series).

[Preprint of v. 8, Selected services, area statistics.]

C 3.202/14: 967/(nos.)

- 13756 4. Arizona. [Sept. 1969.] iv+45 p. il. 4° * Paper, 55c. ● Item 132-A-4
13757 30. Nevada. [Sept. 1969.] iv+39 p. il. 4° * Paper, 55c. ● Item 132-A-31

- 13758 1970 census photo log. July 1969. 10 p. il. oblong 8° † C 3.2:C 33/24

Census use study report.

- 13759 2. Computer mapping: [prepared by Amy B. Unfried]. [Aug. 1969.] [3]+44 p. il. 4° [Text on p. 2 and 3 of cover.] † Paper, 25c. C 3.244:2

- 13760 Cotton production in United States, crop of 1968. [1969.] iii+40 p. ([Agriculture Division.]) * Paper, 20c. ● Item 141
L.C. card 25-26795 C 3.32: 968

- 13761 Current industrial reports: Mattresses and bedsprings, summary for 1968. July 24, 1969. 3 p. 4° (Series M25E(68)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 25 E(68)-13

- 13762 — Shipments of defense-oriented industries, 1967. Aug. 11, 1969. [3]+33 p. 4° (Series MA-175(67)-2.) † Paper, \$1.00. ● Item 142-A C 3.158: MA-175(67)-2

Current population reports: Series P-20, Population characteristics.

* Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-20/(nos.)

- 13763 189. Selected characteristics of persons and families. Mar. 1969, income, poverty, education, mobility, family and household composition, fertility. Aug. 18, 1969. ii+15 p. 4° * Paper, 20c.

Current population reports: Series P-23, Technical studies. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-23/(nos.)

- 13764 28. Revision in poverty statistics, 1959 to 1968. Aug. 12, 1969. 7 p. 4° * Paper, 10c.

Current population reports: Series P-25, Population estimates and projections. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-25/(nos.)

- 13765 424. Estimates of population of United States to May 1, 1969. June 18, 1969. 2 p. 4° * Paper, 5c.

- 13766 428. Estimates of population of United States by age, race, and sex, July 1, 1969 (advance report.) Aug. 19, 1969. 2 p. 4° * Paper, 5c.

- 13767 429. Estimates of population of United States to July 1, 1969. Aug. 20, 1969. 2 p. 4° * Paper, 5c.

- 13768 430. Estimates of population of States, July 1, 1968 and 1969 (advance report.) Aug. 29, 1969. 2 p. 4° * Paper, 5c.

Current population reports: Series P-60, Consumer income. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-60/(nos.)

- 13769 63. Average family income up 8 percent in 1968 (advance data from Mar. 1969 sample survey). Sept. 8, 1969. 5 p. 4° * Paper, 10c.

Current population reports: Series P-65, Consumer buying indicators. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-65/(nos.)

- 13770 27. Recent purchases of cars, houses, and other durables and expectations to buy during months ahead, survey data through July 1969. Aug. 22, 1969. ii+18 p. il. 4° * Paper, 20c.

✦For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Data access descriptions: Census tabulations available on computer tape series, CT-. [Intended as introductions to means of access to Census Bureau data for persons with data requirements not fully met by printed reports.] † ● Item 142-D C 3.240/3: (nos.)

13771 3. Second count summary tapes from 1970 census of population and housing. Aug. 1969. 13 p. 4° (DAD 8.)

13772 4. Third count (block) summary tapes from 1970 census of population and housing. Aug. 1969. 6 + [1] p. 4°

13773 Metropolitan area statistics. [Sept. 1969.] cover title, 863-922 p. [Includes list of related publications on p. 3 of cover. Reprint from Statistical abstract of United States, 1969.] * Paper, 35c. C 3.134/a: M 567/969

13774 Statistical abstract of United States, 1969 [National data book and guide to sources]. 90th annual edition. 1969. [1] + xx + 1032 p. il. [Prepared under supervision of William Lerner, assistant chief, Statistical Information Division. Includes copyright material. Also issued as H. doc. 71, 91st Congress, 1st session.] * Cloth, \$5.75. ● Item 150
L.C. card 4-18089 C 3.134: 969

Technical paper.

13775 21. Postcensal survey: Characteristics of America's engineers and scientists. 1960 and 1962. [1969.] vi + 73 p. 4° ([Population Division.]) [Prepared in cooperation with National Science Foundation.] * Paper, 70c. ● Item 151-A
L.C. card 77-602469 C 3.212: 21

CHILDREN'S BUREAU, Health, Education, and Welfare Dept. Washington, DC 20201

13776 Children's Bureau publications for parents. [1969.] 4 p. il. narrow 8° †
● Item 450 FS 17.212: P 21/969

13777 Hemolytic disease of fetus and newborn due to RH isoimmunization [with list of references; prepared by Jane S. Lin-Fu]. [Sept. 1968.] 15 p. 4° †
FS 17.202: H 37

Research reports.

13778 3. Prelude to school, an evaluation of inner-city preschool program: [by] Ivor Kraft, Jean Puschillo, Elizabeth Herzog. 1968 [published 1969.] [4] + 92 p. 4° † ● Item 453-B
L.C. card 71-603679 FS 17.214: 3

CIVIL AERONAUTICS BOARD Washington, DC 20428

13779 List of U.S. air carriers; prepared by Publications Services Section. Sept. 1, 1969. 10 p. oblong 8° [Page 4 intentionally left blank.] †
C 31.254: 969-2

CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, DC 20310

13780 Federal civil defense guide: pt. D, chap. 3, app. 3, Change 1, Instructions for preparing community shelter plan in smaller communities. July 1969. cover title, p. 13-14, 4° [Issued in looseleaf form.] † ● Item 320-B-3
D 119.8/4: pt.D/chap.3/app.3/ch.1

Leaflet L (series). † ● Item 857-D-5 D 119.13: (nos.)

13781 41. Professional development courses [in nuclear defense design] for architects and engineers. July 1969 [6] p. il. narrow 8° [Supersedes L-41, July 1968.]

13782 65. The Grange and civil defense. June 1969. [2] p. il. 4° folded into oblong 48° size.

Technical report TR (series).

13783 59. Computer program to analyze dynamic response of high rise buildings to nuclear blast loading [with list of references]. July 1969. cover title, [200] p. il. 4° [Combined reprint of two reports published in 1964 as segments of former Professional guide series (PG 80-18-1 and PG 80-18-2). Issued with perforations.] † ● Item 320-B-2 D 119.9: 59

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

CIVIL RIGHTS COMMISSION
Washington, DC 20425

Clearinghouse publications.

CR 1.10:(nos.)

- 13784 13. Who will listen? [1969.] cover title, [1]+16 p. 4° [Page 16 on p. 3 of cover.] †
L.C. card 73-603690
- 13785 17. Equal employment opportunity under Federal law, guide to Federal law prohibiting discrimination on account of race, religion, or national origin in private and public employment. Aug. 1969. [4]+27 p. * Paper, 25c.
● Item 288-A
L.C. card 71-603687

CIVIL SERVICE COMMISSION
Washington, DC 20415

- 13786 Amendment to announcement WAS-827, historian, grades GS-9 to GS-12, manpower analyst, grades GS-9 to GS-12. August 19, 1969. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Amends issue 190 of AN 2279.] †
CS 1.26/4: 968/WAS-827/amdt.
- 13787 Current Federal civil service announcements, AN-2279, issue 191, Sept.-Oct. 1969. [1969.] [2] p. f° folded into narrow 5° size. † ● Item 292
CS 1.28: 2279/191
- 13788 Local and regional civil service examinations offering best job opportunities, AN 2280 [issued 139], Sept.-Oct. 1969. [1969.] [2] p. oblong f°, folded into narrow 8° size. † ● Item 292
CS 1.28: 2280/139
- 13789 Nursing careers in Federal service GS-4 through 15, announcement 419. July 1969. [2]+13 p. il. (Bureau of Recruiting and Examining.) †
● Item 292
CS 1.26: 969/419

Pamphlets. ● Item 299

CS 1.48:(nos.)

- 13790 4. Working for U.S.A., applying for civil service job, what the Government expects of Federal workers. Apr. 1969. 38 p. il. narrow 8°
* Paper, 20c.
L.C. card 49-45939
- 13791 BRE-11. Returning Peace Corps volunteers. [June 1969.] [6] p. narrow 8° †
- 13792 BRE-17. Washington, D.C., working, living, learning, playing where the action is [June 1969.] [6] p. narrow 8° †
- 13793 T-2. Application of systems approach to training, case study [with bibliography]. Revised edition, June 1969. [1969.] iii+19 p. 4° ([Training systems and technology series, no. 11]; Bureau of Training.) [Originally issued as Pamphlet T-2, by Budget Bureau and Civil Service Commission.] * Paper, 30c.

Personnel management series.

- 13794 21. Retired military personnel in Federal jobs. July 1969. 9+[1] p. narrow 8° (Bureau of Policies and Standards.) * Paper, 10c. ● Item 300-A
CS 1.54: 21
- 13795 Places where civil service examinations are held, AN 2300, Feb. 1969. [1969.] [2] p. 4° [Supersedes all earlier editions.] † CS 1.28: 2300/30
- 13796 Toward equal opportunity in Federal employment, for all persons to seek and to achieve their highest potential and productivity, report to the President from Civil Service Commission. [Aug. 1969.] cover title, [8] p. il. 4° [Text on p. 2-3 of cover.] † ● Item 295
L.C. card 77-603431
CS 1.2: Em 7/14
- 13797 Veterinarian trainee, grade GS-7, \$7,639 a year, summer employment for juniors in veterinary medicine, apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., Hyattsville Branch Office, Federal Center Building, Hyattsville, Md. 20782, announcement WAH-922. Nov. 4, 1969. [1969.] 6 p. narrow 8° [Closing date Feb. 2, 1970. No written test required.] † ● Item 292
CS 1.26/4: 969/WAH-922

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 17

GOVERNMENT PUBLICATIONS

COAST AND GEODETIC SURVEY, Commerce Dept.
Washington, DC 20230

- 13798 Tidal current tables, Pacific Coast of North America and Asia, 1970. 1969. 254 p. ll. [Includes list of publications relating to tides and currents.]
† Paper, \$2.00. ● Item 191
L.C. card 22-26900 C 4.23: 970
- 13799 Tide tables, high and low water predictions, central and western Pacific Ocean and Indian Ocean, 1970. 1969. 386 p. [Index map of tide table coverage on p. 2 of cover. Includes list of publications related to tides and tidal currents.] † Paper, \$2.00. ● Item 196
L.C. card 7-35369 C 4.15/6: 970

COAST GUARD, Transportation Dept.
Washington, DC 10591

- 13800 Correspondence course catalog, Coast Guard reserve personnel on inactive duty. 1969. cover title, [28] p. 4° (CG-391.) [Issued with perforations.]
‡
Oceanographic report. TD 5.2: C 81/969
- 13801 19. Oceanography of Grand Banks region of Newfoundland in 1967 [with list of references; by] Charles W. Morgan. [1969.] ix+209 p. ll. 4° (CG 373-19: [Coast Guard Oceanographic Unit, Washington, D.C.]) † ● Item 940-B
L.C. card 70-603665 TD 5.18: 19

COMMERCE DEPARTMENT
Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 13802 Address by Thomas P. Dunne, Special Assistant to Deputy Assistant Secretary of Commerce for Economic Development, Economic Development Administration at Alabama Industrial Development Conference, Birmingham, Ala., Sept. 11, 1969. [1969.] [1]+8 p. 4° † C 1.18: D 92
- 13803 Auditing career in Department of Commerce. [1969.] cover title, 8 p. ll. (Office of Audits.) ‡ C 1.2: Au 2
- 13804 Directory of private programs for minority business enterprise; prepared by Economic Development Administration for Office of Minority Business Enterprise. 1st edition. Aug. 1969. iii+58 p. † ● Item 126-B
L.C. card 72-603592 C 1.56: 969
- 13805 Federal standards policy program, address by Assistant Secretary of Commerce for Science and Technology, Myron Tribus, prepared for delivery before Standards Engineers Society's annual convention, Washington, D.C., Sept. 16, 1969. 1969. 7 p. 4° † C 1.18: T 73/4
- 13806 National and Regional Export Councils, helping American business to compete successfully in world markets! [Revised Aug. 1969.] [1969.] 11 p. narrow 8° † ● Item 128 C 1.2: Ex 7/2
- 13807 Our need is so great, our objective so reasonable, our resolve so determined, remarks by Stanley Nehmer, Deputy Assistant Secretary of Commerce for Resources, prepared for delivery at 115th annual meeting of Northern Textile Association, Wentworth-by-the-Sea, Portsmouth, N.H., Sept. 16, 1969. [1969.] 11 p. 4° † C 1.18: N 31/11
- 13808 Remarks by Maurice H. Stans, Secretary of Commerce before Maritime Administration Research and Development Conference, Washington, D.C., Sept. 10, 1969. [1969.] 6 p. 4° † C 1.18: St 2/13
- 13809 Statement by William H. Chartener, Assistant Secretary for Economic Affairs, on defense-related economic activity during 2d quarter of 1969. Aug. 27, 1969. 3 p. 4° † C 1.18: C 38/23

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 13810 United States Department of Commerce publications, 1968 supplement, catalog and index; [compiled by Guy F. Glossbrenner with assistance of bureau representatives]. 1969. iv+66 p. (Office of Publications.)
 * Paper, 35c. • Item 123
 L.C. card 52-60731 C 1.2: P 96/supp.968

COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

- C.F.S. (series). † • Item 610-A I 49.8/2: (nos.)
- 13811 4919. Fish meal and oil, 1968, annual summary. [May 1969.] 4 p. il. 4°
 13812 4920. Virginia landings, 1968, annual summary. [July 1969.] 14 p. il. 4° [Prepared in cooperation with Virginia Marine Resources Commission, Newport News and Potomac River Fisheries Commission, Colonial Beach, Va.]
- 13813 4935. Chesapeake fisheries, 1967, annual summary. [July 1969.] 8 p. il. 4°
 13814 4953. Maine landings, 1968, annual summary. [May 1969.] 21 p. il. 4°
 13815 4971. Great Lakes fisheries, 1967, annual summary. [July 1969.] 8 p. il. 4°
 13816 5023. South Atlantic fisheries, 1967, annual summary. [Aug. 1969.] 10 p. il. 4°
- Circulars. • Item 609. I 49.4: (nos.)
- 13817 290. Report of Bureau of Commercial Fisheries Biological Laboratory, St. Petersburg Beach, Fla., fiscal year 1967. June 1968. iii+17 p. il. 4° (Contribution 39, Bureau of Commercial Fisheries Biological Laboratory, St. Petersburg Beach, Fla.) [Includes list of publications and manuscripts in press.] †
 13818 296. Fishery publication index, 1955-64, publications of Fish and Wildlife service by series, authors, and subjects; [compiled by George Washington University]. May 1969. ii+240 p. 4° • Paper, \$1.75.
 L.C. card 76-603664
 13819 319. Bureau of Commercial Fisheries Great Lakes Fishery Laboratory, Ann Arbor, Mich. [Sept. 1969.] [8] p. narrow 8° †
- Fishery leaflet.
- 13820 602. Eastern Pacific fishery, 1888-1966; by F. Heward Bell. [Revised] Aug. 1968. [1968.] iii+8 p. il. 4° (Branch of Fishery Statistics, Division of Economics.) [Cover illustration courtesy Pacific Fishermen.] †
 • Item 611-D I 49.28: 602/2
- 13821 Proceedings, B.C.F. acoustical workshop, Nov. 25-27, 1968. Jan. 1969. iv+40 p. il. 4° (Exploratory Fishing and Gear Research Base, Seattle, Wash.) † I 49.2: Ac 7/968
- Special scientific reports: Fisheries. ‡ • Item 614-B I 49.15/2: (nos.)
- 13822 587. Transplanting adult pink salmon to Sashin Creek, Baranof Island, Alaska, and survival of their progeny [with list of literature cited]; by J. McNeal, Stephen C. Smedley, and Robert J. Ellis. Aug. 1969. iii+9 p. il. 4°
 13823 588. Processing of digital data logger STD tapes at Scripps Institution of Oceanography and Bureau of Commercial Fisheries, La Jolla, Calif.; by James H. Jones. June 1969. iii+25 p. il. 4° [Some pages are printed as leaves.]

CONGRESS

- Congressional record, proceedings and debates of 90th Congress, 2d session, v. 114. [Permanent edition.] 1968. • Item 993
 L.C. card 12-36438 X.90/1: 114/pt. (nos.)

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break.

- 13824 pt. 13. June 10-18, 1968. [1]+16381-17716 p. 4° • Cloth, \$6.75.
 13825 pt. 14. June 19-26, 1968. [1]+17717-19060 p. 4° • Cloth, \$6.00.
 13826 pt. 15. June 27-July 9, 1968. [1]+19061-20422 p. 4° • Cloth, \$6.25.
 13827 pt. 16. July 10-18, 1968. [1]+20423-21656 p. 4° • Cloth, \$6.00.
 13828 pt. 17. July 17-23, 1968. [1]+21657-22978 p. 4° • Cloth, \$6.25.
 13829 pt. 19. July 31-Sept. 4, 1968. [1]+24367-25746 p. 4° • Cloth, \$6.50.

Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

•For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 •Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

House documents:

- 13830 nos. 287, 293, 90th Congress, 2d session, Reports Boy Scouts of America and Girl Scouts of U.S.A., 1967 [Serial 12807-3]. • Item 995-P
 13831 no. 111, 91st Congress, 1st session, 70th Encampment, United Spanish War Veterans, 1968 [Serial 12851-6]. • Item 885-K
 13832 no. 137, 91st Congress, 1st session, Technical information for Congress [Serial 12852-2]. • Item 995-G

Senate document:

- 13833 no. 5, 91st Congress, 1st session, Daughters of the American Revolution, 1965-66 [Serial 12842]. • Item 995-B

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 91st Congress. † House or Senate Document Rooms, Capitol.

- 13834 33. H.R. 6585, act for relief of Mr. and Mrs. A. F. Elgin. Approved Aug. 4, 1969. 1 p.
 13835 34. H.R. 3379, act for relief of Sfc. Patrick Marratto, United States Army (retired). Approved Aug. 4, 1969. 1 p.
 13836 35. H.R. 1632, act for relief of Romeo de la Torre Sanano and his sister, Julietta de la Torre Sanano. Approved Aug. 18, 1969. 1 p.
 13837 36. H.R. 2336, act for relief of Adela Kaczmarek. Approved Aug. 18, 1969. 1 p.
 13838 37. H.R. 6581, act for relief of Bernard A. Hegemann. Approved Aug. 18, 1969. 1 p.
 13839 38. H.R. 2037, act for relief of Robert W. Barrie and Marguerite J. Barrie. Approved Aug. 20, 1969. 1 p.
 13840 39. H.R. 1462, act for relief of Mrs. Vita Cusumano. Approved Aug. 20, 1969. 1 p.
 13841 40. H.R. 1808, act for relief of Capt. John W. Booth, III. Approved Aug. 20, 1969. 1 p.
 13842 41. H.R. 9088, act for relief of Clifford L. Petty. Approved Aug. 20, 1969. 1 p.
 13843 42. H.R. 8136, act for relief of Anthony Smlko. Approved Aug. 30, 1969. 1 p.
 13844 43. H.R. 1707, act for relief of Miss Jallieh Farah Salameh El Abwal. Approved Aug. 25, 1969. 1 p.
 13845 44. H.R. 5107, act for relief of Miss Maria Mosio. Approved Aug. 25, 1969. 1 p.

Public laws, 91st Congress. • Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C. 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 13846 47. H.R. 11400, act making supplemental appropriations for fiscal year June 30, 1969, and for other purposes. [Approved July 22, 1969.] 35 p. • Paper, 15c.

ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

- 13847 La Crosse boiling water reactor project, hearing before Subcommittee on Legislation, 90th Congress, 1st session, on La Crosse boiling water reactor project and materials concerning Hallam, Elk River, Pathfinder, BONUS and Pligua reactor projects, May 4, 1967. 1969. vi+536 p. il. • Paper, \$2.25. • Item 999
 L.C. card 72-603229 Y 4.At 7/2: L 11/4

ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 13848 Innovations in planning, programing, and budgeting in State and local governments, compendium of paper [compiled by Robert Haveman], submitted to Subcommittee on Economy in Government. 1969. v+218 p. il. (Joint committee print, 91st Congress, 1st session.) • Paper, \$1.00. • Item 1000
 L.C. card 77-603640 Y 4.Ec 7: P 69/3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

HOUSE OF REPRESENTATIVES
Washington, DC 20515*House documents*

NOTE.—All house documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 90th Congress.

- 13849 286. Proceedings of state convention of 69th national encampment, United Spanish War Veterans, San Antonio, Tex., Sept. 2-7, 1967; Mar. 25, 1968. 1968. v+116 p. ll. 2 por. † (Sent to depository libraries in Serial set binding.)
L.C. card CA 10-5225

House document, 91st Congress.

- 13850 14. Annual report to Comptroller General of United States, fiscal year 1968. 1968. xl+383 p. ll. * (Available in departmental edition, \$1.75, GA 1.1:968, and sent to depositories in that form. See Entry no. 14301.)
- 13851 25, v. 1. U.S. Army register: v. 1, Regular Army active list, Jan. 1, 1969. 1969. xlii+[3]+468 p. 4°. * (Available in departmental edition, \$4.25, D 102.9: 969/v.1 and sent to depositories in that form. See Entry no. 13878.)
- 13852 25, v. 2. U.S. Army register: v. 2, Army NGUS, USAR, and other active lists, Jan. 1, 1969. 1969. xlii+[4]+1259 p. 4°. * (Available in departmental edition, \$9.50, D 102.9: 969/v.2 and sent to depositories in that form. See Entry no. 13879.)
- 13853 25, v. 3. U.S. Army register: v. 3, Retired lists, Jan. 1, 1969. 1969. vi+[5]+398 p. 4°. * (Available in departmental edition, \$3.50, D 102.9: 969/v.3 and sent to depositories in that form. See Entry no. 13880.)
- 13854 25, v. 4. U.S. Army register: v. 4, Officers' honorary retired list, Jan. 1, 1969. [1969.] [2]+8 p. * (Available in departmental edition, 10c., D 102.9: 969/v.4 and sent to depositories in that form. See Entry No. 13881.)
- 13855 27. Railroad Retirement Board, 1968 annual report for fiscal year. [1969.] vii+170 p. ll. * (Available in departmental edition, \$1.00, RR 1.1: 968, and sent to depositories in that form. See Entry no. 14823.)
- 13856 71. Statistical abstract of United States, 1969 [National data book and guide to sources]. 90th annual edition, 1969. xx+1032 p. ll. [Prepared under supervision of William Lerner, assistant chief, Statistical Information Division. Includes copyright material.] * (Available in departmental edition, cloth, \$5.75, C 3.134: 969, and sent to depositories in that form. See Entry no. 13774.)
- 13857 95. 1968 annual report, Girl Scouts of United States of America, 830 3d Ave., New York, N.Y. 10022. [1969.] x+85 p. ll. * Paper, 45c. (To be sent to depository libraries in Serial set binding.)
- 13858 111. Proceedings of stated convention of 70th national encampment, United Spanish War Veterans, Asbury Park, N.J., Sept. 8-12, 1968; Apr. 30, 1969. 1969. v+105 p. ll. 2 por. † (To be sent to depository libraries in Serial set binding.)
L.C. card CA10-5225
- 13859 133. 24th report of Advisory Commission on Information; July 1, 1969. 1969. [3]+12 p. [Report dated May 19, 1969.] † ● Item 996
L.C. card 49-46343
- 13860 134. Hungarian in Rumania and Transylvania, bibliographical list of publications in Hungarian and West European languages, compiled from holdings of Library of Congress, by Elmer Bako and William Solyom-Fekete, with preface by Edward J. Patten, Representative from New Jersey. 1969. vii+192 p. [Prepared by Library of Congress.]
† ● Item 996
L.C. card 71-603017
- 13861 146. Proposals for welfare program, message from the President of United States relative to welfare reform. Aug. 11, 1969. 8 p. † ● Item 996
- 13862 147. Manpower training, message from the President of United States, Aug. 12, 1969. 5 p. † ● Item 996
- 13863 148. Federal-State revenues, message from the President of United States relative to Federal revenue sharing with States. Aug. 13, 1969. 4 p. † ● Item 996

House Reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-B

- 13864 371. Incorporate the Paralyzed Veterans of America. Report from Committee on District of Columbia to accompany H.R. 1783, July 10, 1969. 4 p.
- 13865 374. Lease of District property to Jewish Historical Society of Greater Washington. Report from Committee on District of Columbia to accompany H.R. 12677, July 11, 1969. 4 p.

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

House reports on private bills—Continued

- 13866 401. Dr. Jagir Singh Randhawa. Report from Committee on Judiciary to accompany S. 85. July 30, 1969. 5 p.
- 13867 402. Cheng-Huai Li. Report from Committee on Judiciary to accompany S. 348. July 30, 1969. 5 p.
- 13868 403. Mrs. Irene G. Queja. Report from Committee on Judiciary to accompany S. 564. July 30, 1969. 6 p.
- 13869 404. Favoring suspension of deportation of certain aliens. Report from Committee on Judiciary to accompany S. Con. Res. 33. July 30, 1969. 2 p.
- 13870 406. Delilah Aurora Gamatero. Report from Committee on Judiciary to accompany H.R. 2817. July 30, 1969. 7 p.
- 13871 408. Mrs. Sabina Riggi Farina. Report from Committee on Judiciary to accompany H.R. 8625. July 31, 1969. 4 p.
- 13872 409. Placido Viterbo. Report from Committee on Judiciary to accompany H.R. 3955. July 31, 1969. 7 p.
- 13873 410. William Patrick Magee. Report from Committee on Judiciary to accompany H.R. 9001. July 31, 1969. 7 p.
- 13874 416. Certain civilian employees and former civilian employees of Bureau of Reclamation. Report from Committee on Judiciary to accompany H. 83. Aug. 5, 1969. 2 p.
- 13875 417. Capt. Richard L. Schumaker, U.S. Army. Report from Committee on Judiciary to accompany S. 728. Aug. 5, 1969. 8 p.
- 13876 418. Yvonne Davis. Report from Committee on Judiciary to accompany S. 757. Aug. 5, 1969. 4 p.
- 13877 419. William D. Pender. Report from Committee on Judiciary to accompany S. 901. Aug. 5, 1969. 6 p.
- 13878 420. Mrs. Rose Thomas. Report from Committee on Judiciary to accompany H.R. 2302. Aug. 5, 1969. 6 p.
- 13879 421. Miloye M. Sokitch. Report from Committee on Judiciary to accompany H.R. 3571. Aug. 5, 1969. 7 p.
- 13880 422. Capt. John T. Lawlor (retired). Report from Committee on Judiciary to accompany H.R. 8694. Aug. 5, 1969. 5 p.
- 13881 423. Paul Anthony Kelly. Report from Committee on Judiciary to accompany H.R. 8904. Aug. 5, 1969. 4 p.
- 13882 424. Hannibal B. Taylor. Report from Committee on Judiciary to accompany H.R. 9910. Aug. 5, 1969. 9 p.
- 13883 425. Philip J. Fichman. Report from Committee on Judiciary to accompany H.R. 10658. Aug. 5, 1969. 6 p.
- 13884 430. Lt. Col. Samuel J. Cole, U.S. Army (retired). Report from Committee on Judiciary to accompany S. 267. Aug. 6, 1969. 10 p.
- 13885 431. Ludger J. Cossette. Report from Committee on Judiciary to accompany S. 499. Aug. 6, 1969. 4 p.
- 13886 432. Richard Virgil. Report from Committee on Judiciary to accompany S. 620. Aug. 6, 1969. 4 p.
- 13887 433. Raymond C. Melvin. Report from Committee on Judiciary to accompany S. 632. Aug. 6, 1969. 5 p.
- 13888 434. Capt. William O. Hanle. Report from Committee on Judiciary to accompany S. 882. Aug. 6, 1969. 3 p.
- 13889 435. Branka Mardessich and Sonia S. Silvani. Report from Committee on Judiciary to accompany H. Res. 498. Aug. 6, 1969. 9 p.
- 13890 436. Emma Zimmerli. Report from Committee on Judiciary to accompany H.R. 2260. Aug. 6, 1969. 4 p.
- 13891 437. Elbert C. Moore. Report from Committee on Judiciary to accompany H.R. 2407. Aug. 6, 1969. 11 p.
- 13892 438. Frank J. Enright. Report from Committee on Judiciary to accompany H.R. 2453. Aug. 6, 1969. 2 p.
- 13893 439. Comdr. John N. Green. Report from Committee on Judiciary to accompany H.R. 2477. Aug. 6, 1969. 5 p.
- 13894 440. Mrs. Barbara K. Diamond. Report from Committee on Judiciary to accompany H.R. 2963. Aug. 6, 1969. 5 p.
- 13895 441. Lawrence Brink and Violet Nitschke. Report from Committee on Judiciary to accompany H.R. 4634. Aug. 6, 1969. 4 p.
- 13896 442. Pedro Iriary Guido. Report from Committee on Judiciary to accompany H.R. 5000. Aug. 6, 1969. 10 p.
- 13897 443. Bert N. Adams and Emma Adams. Report from Committee on Judiciary to accompany H.R. 7567. Aug. 9, 1969. 7 p.
- 13898 444. Mrs. Iris O. Hicks. Report from Committee on Judiciary to accompany H.R. 10356. Aug. 6, 1969. 4 p.
- 13899 445. Victor L. Ashley. Report from Committee on Judiciary to accompany H.R. 11060. Aug. 6, 1969. 7 p.
- 13900 446. Wylo Pleasant, doing business as Pleasant Western Lumber Co. (now known as Pleasant's Logging & Milling, Inc.). Report from Committee on Judiciary to accompany H.R. 11503. Aug. 6, 1969. 7 p.
- 13901 447. Mr. and Mrs. John F. Fuentes. Report from Committee on Judiciary to accompany H.R. 11500. Aug. 6, 1969. 3 p.
- 13902 448. Rose Minutillo. Report from Committee on Judiciary to accompany H.R. 12089. Aug. 6, 1969. 4 p.
- 13903 449. T. Sgt. Peter Elias Gianutos [Gianutos], U.S. Air Force (retired). Report from Committee on Judiciary to accompany H.R. 11890. Aug. 6, 1969. 7 p.
- 13904 450. Maj. Louis A. Deering. Report from Committee on Judiciary to accompany H.R. 11968. Aug. 6, 1969. 3 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 13905 463. Irving M. Sobin Co., Inc., and/or Irving M. Sobin Chemical Co., Inc. Report from Committee on Judiciary to accompany H.R. 1782. Aug. 11, 1969. 6 p.
- 13906 467. Opposing granting of permanent residence in United States to certain aliens. Report from Committee on Judiciary to accompany H. Res. 422. Aug. 12, 1969. 3 p.

House reports on public bills, 91st Congress.† House Document Room, Capitol. ● Item 1008-A

- 13907 414. Court leave for employees of United States and District of Columbia. Report from Committee on Post Office and Civil Service to accompany H.R. 12979. Aug. 5, 1969. 13 p.
- 13908 457. Amending rule 35 of rules of House of Representatives to increase fees of witnesses before the House or its committees. Report from Committee on Rules to accompany H. Res. 495. Aug. 7, 1969. 1 p.
- 13909 458. Authorizing Committee on Post Office and Civil Service to conduct studies and investigations within its jurisdiction. Report from Committee on Rules to accompany H. Res. 269. Aug. 7, 1969. 1 p.
- 13910 469. Hours of service act amendments of 1969. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 8449. Aug. 13, 1969. 14 p.

Agriculture Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † ● Item 1010

- 13911 L. Provide flexible interest rate on loans to associations for water and waste disposal, hearing before Subcommittee on Conservation and Credit, 91st Congress, 1st session, on H.R. 5850, June 17, 1969. 1969. iii+31 p.
L.C. card 77-603379 Y 4.Ag 8/1: L 78/12
- 13912 M. Increase license fees under Perishable agricultural commodities act of 1930, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 91st Congress, 1st session, on H.R. 9857, July 17, 1969. 1969. iii+37 p.
L.C. card 71-603364 Y 4.Ag 8/1: L 61
- 13913 N. Amend Federal seed act, hearing before Subcommittee on Departmental Operations, 91st Congress, 1st session, on H.R. 10236, H.R. 10423, H.R. 10552, and H.R. 10653, July 23, 1969. 1969. iii+31 p.
L.C. card 70-603350 Y 4.Ag 8/1: Se 3/12/969
- 13914 O. Increase durum wheat allotments, hearing before Subcommittee on Livestock and Grains, 91st Congress, 1st session, on H.R. 485, July 23, 1969. 1969. iii+34 p.
L.C. card 78-603363 Y 4.Ag 8/1: W 56/13/969
- 13915 P. Authorize production research under marketing agreement and order programs, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 91st Congress, 1st session, on H. R. 8536 and H.R. 11663, July 28, 1969. 1969. iii+22 p.
L.C. card 77-603360 Y 4.Ag 8/1: P 94/6

Appropriations Committee, House Washington, DC 20515

- 13916 Department of Defense appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session.
pt. 3. Procurement. 1969. ii+1163+xxii p. ii. † ● Item 1011
L.C. card 61-60926 Y 4.Ap 6/1: D 86/5/970/pt.3
- 13917 Legislative branch appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session. 1969. ii+684+ix p. ii. † ● Item 1011
L.C. card 60-61305 Y 4.Ap 6/1: L 52/970
- 13918 Public works appropriations for 1970 for water and power resources development and Atomic Energy Commission, hearings before subcommittee, 91st Congress, 1st session † ● Item 1011
L.C. card 77-603537 Y 4.Ap 6/1: P 96/14/970/pt. (nos.)
pt. 1. Civil functions, Department of Army, statement of Deputy Chief of Engineers, Missouri River Division, New England Division, North Atlantic Division, North Central Division, Ohio River Division, South Atlantic Division, Southwestern Division. 1969. ii+1254+xxii p. ii.
pt. 4. Atomic Energy Commission. 1969. ii+733+vi p. ii.
pt. 5. Testimony of Members of Congress, and other individuals and organizations. 1969. ii+1912+xiv p. ii.

GOVERNMENT PUBLICATIONS

Armed Services Committee, House Washington, DC 20515

- 13919 34th report to Congress (Jan. 1-June 30, 1969) of Department of Defense in accordance with sec. 2455, title 10, U.S.C. (formerly sec. 8 of Public law 426, 82d Congress), on Defense cataloging and standardization act of 1952, report of Armed Services Investigating Subcommittee, 91st Congress, 1st session; Sept. 8, 1969. 1969. iii+16 p. (Committee print.) ‡
L.C. card 53-60980 Y 4.Ar 5/2: D 36/2/969
- 13920 Review of Army tank program, hearings before Armed Services Investigating Subcommittee, 91st Congress, 1st session, under authority of H. Res. 105; Mar. 13-Apr. 28, 1969. 1969. iv+568 p. il. † ● Item 1012
L.C. card 70-603377 Y 4.Ar 5/2: T 15/3

Banking and Currency Committee, House Washington, DC 20515

- 13921 H.R. 6778 and H.R. 9385, text of proposed changes in and additions to existing law, together with summaries of bills; [prepared by committee staff in collaboration with Office of Legislative Counsel], Mar. 28, 1969. 1969. [1]+49 p. (Committee print.) ‡
L.C. card 71-603522 Y 4.B 22/1: B 22/21
- 13922 Housing and urban development legislation, 1969, hearings before Subcommittee on Housing, 91st Congress, 1st session, July 17-30, 1969. vi+623 p. il. 1 pl. † ● Item 1013
L.C. card 70-603594 Y 4.B 22/1: H 81/46/969
- 13923 Recent international financial and monetary developments, hearing before Subcommittee on International Finance, 91st Congress, 1st session, Aug. 6, 1969. 1969. iii+26 p. † ● Item 1013
L.C. card 79-603366 Y 4.B 22/1: In 8/20

Education and Labor Committee, House Washington, DC 20515

- 13924 Children with learning disabilities act of 1969, hearings before General Subcommittee on Education, 91st Congress, 1st session on H.R. 8660 and H.R. 9065, July 8-10, 1969. 1969. v+236 p. il. † ● Item 1015
L.C. card 75-603227 Y 4.Ed 8/1: C 43/5
- 13925 Economic opportunity amendments of 1969, hearings before Ad Hoc Hearing Task Force on Poverty, 91st Congress, 1st session, on H.R. 513. L.C. card 73-602058 Y 4.Ed 8/1: Ec 7/969/pt.5
pt. 5. Appendix. 1969. vii+2821-3038 p. † ● Item 1015
- 13926 Employment of green card aliens during labor disputes, hearings before Special Subcommittee on Labor, 91st Congress, 1st session, on H.R. 12667, July 16-Aug. 8, 1969. iv+250 p. il. † ● Item 1015
L.C. card 72-603525 Y 4.Ed 8/1: A1 4
- 13927 Gifted and talented children educational assistance act, hearing before General Subcommittee on Education, 91st Congress, 1st session, on H.R. 4807 and H.R. 12814, July 15, 1969. 1969. iii+65 p. † ● Item 1015
L.C. card 75-603373 Y 4.Ed 8/1: C 43/6

Foreign Affairs Committee, House Washington, DC 20515

- 13928 Foreign assistance act of 1969, hearings, 91st Congress, 1st session, on H.R. 11792. ● Item 1017
L.C. card 70-602763 Y 4.F 76/1: F 76/28/969/pt. (nos.)
- | | | |
|----------------|--|------------------|
| pt. 3. | June 23-30, 1969. 1969. iv+461-667 p. il. | * Paper, 75c. |
| pt. 4. | July 1-11, 1969. 1969. iv+669-898 p. | * Paper, \$1.00. |
| pt. 5. | July 14-18, 1969. 1969. vi+899-1147 p. | * Paper, \$1.00. |
| pt. 6. | July 22-28, 1969. 1969. iv+1149-1383 p. | * Paper, \$1.00. |
| pt. 7 and app. | July 29-Aug. 1, 1969. 1969. v 1385-1672 p. il. | * Paper, \$1.25. |

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 13929 U.S. participation in international expositions held in United States, hearings before Subcommittee on International Organizations and Movements, 91st Congress, 1st session on H.R. 13171, H.R. 11129, and S. 856, July 30, 1969. 1969. iii+20 p. † ● Item 1017
L.C. card 70-603234 Y 4.F 76/1: Ex 7/2

Government Operations Committee, House
Washington, DC 20515

- 13930 Deficiencies in administration of Federal insecticide, fungicide, and rodenticide act, hearings before subcommittee, 91st Congress, 1st session, May 7 and June 24, 1969. 1969. iv+310 p. il. † ● Item 1016
L.C. card 70-603393 Y 4.G 74/7: F 31/14
- 13931 Realining regional boundaries of certain Federal agencies, hearing before subcommittee, 91st Congress, 1st session, May 8, 1969. 1969. iii+67 p. † ● Item 1016
L.C. card 78-603233 Y 4.G 74/7: B 66
- 13932 Rural Electrification Administration's bulletin inhibiting political activities by its borrowers and their employees, hearing before subcommittee, 91st Congress, 1st session, July 15, 1969. 1969. iii+60 p. † ● Item 1016
L.C. card 76-603613 Y 4.G 74/7: R 88/2

Internal Security Committee, House
Washington, DC 20515

NOTE.—The name of the Un-American Activities Committee has been changed to the Internal Security Committee.

- 13933 Investigation of Students For a Democratic Society, hearings, 91st Congress, 1st session. ● Item 1026
L.C. card 70-602885 Y 4.In 8/15: St 9/pt. (nos.)
- pt. 1-A. Georgetown University, June 3 and 4, 1969. 1969. v+1-266+vii p. il.
* Paper, \$1.00.
- pt. 1-B. Georgetown University, June 5 and 17, 1969. 1969. v+267-474+vii p. il.
* Paper, \$1.00.
- pt. 2. Kent State University, June 24 and 25, 1969. 1969. v+475-642+vii p. il.
* Paper, 70c.

Merchant Marine and Fisheries Committee, House
Washington, DC 20515

[Committee hearing] serial, 91st Congress.

- 13934 9. Passenger vessel legislation, hearing before Subcommittee on Merchant Marine, 91st Congress, 1st session, on H.R. 210 [and] H.R. 12605, July 22, 1969. 1969. iii+36 p. † ● Item 1021
L.C. card 79-603374 Y 4.M 53: 91-9

Post Office and Civil Service Committee, House
Washington, DC 20515

[Committee hearings] serial, 91st Congress. † ● Item 1022

- L.C. card 72-602528 Y 4.P 84/10: 91-(nos.)
- 13935 4. Post Office reorganization, hearings, 91st Congress, 1st session, on various proposals to reform postal establishment, pt. 2. June 20-July 22, 1969. 1969. v+371-845 p. il.
- 4(a). Post Office reorganizations, hearings, 91st Congress, 1st session, on various proposals to reform postal establishment, pt. 3. July 23-Aug. 12, 1969. 1969. xiii+847-1318 p. [Contents for 3 parts included.]
- 13936 12. Obscenity in the malls, hearings, 91st Congress, 1st session, on H.R. 10867. pt. 1. Aug. 5 and 6, 1969. 1969. xv+199 p.
L.C. card 70-603586
- 13937 Pay comparability system act of 1969, H.R. 12124, Subcommittee on Compensation; June 18, 1969. 1969. ii+22 p. (Committee print.) †
L.C. card 70-602999 Y 4.P 84/10: P 29/12/969
- 13938 Salary and retirement annuity increases of Federal classified and postal employees, 1945-69, together with current salary schedules; July 1969. 1969. ii+10 p. (Committee print 10, 91st Congress, 1st session.) †
L.C. card 75-602995 Y 4.P 84/10: Sa 3/15/945-69

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Public Works Committee, House
Washington, DC 20515

[Committee publication], 91st Congress.

- 13939 9. Highway legislation, hearings before Subcommittee on Roads, 91st Congress, 1st session [on] H.R. 9446, H.R. 4308, H.R. 6785, and related bills, May 13-June 5, 1969. 1969. vii+625 p. il. † ● Item 1024
L.C. card 73-603587 Y 4.P 96/11: 91-0

Rules Committee, House
Washington, DC 20515

- 13940 Proposing amendment to Constitution of United States relating to election of the President and the Vice President, hearings, 91st Congress, 1st session, on H.J. Res. 681 and similar measures, July 17-24, 1969. 1969. iii+98 p. † ● Item 1025
L.C. card 77-603529 Y 4.R 86/1: P 92/3/960

Science and Astronautics Committee, House
Washington, DC 20515

- 13941 Technology, processes of assessment and choice, report of National Academy of Sciences [with lists of references and notes]. July 1969. xiv+163 p. ([Committee print.]) * Paper, 75c.
L.C. card 73-603536 Y 4.Sci 2: T 22

Small Business, Select Committee on, House
Washington, DC 20515

- 13942 Tax-exempt foundations and charitable trusts, their impact on our economy, 7th installment, subcommittee chairman's report to Subcommittee No. 1, 91st Congress; June 30, 1969. 1969. v+165 p. oblong 8° (Committee print.) * Paper, \$1.50.
L.C. card 63-60464 Y 4.Sm 1: T 19/2/7th inst.

Veteran's Affairs Committee, House
Washington, DC 20515

- 13943 Construction of new VA hospital in southern California, hearings before Subcommittee on Hospitals, 91st Congress, 1st session, on H.R. 863 and H.R. 6298; Aug. 1, 1968. 1969. vii+1931-2026 p. il. † ● Item 1027
L.C. card 77-603352 Y 4.V 64/3: H 79/28

Ways and Means Committee, House
Washington, DC 20515

- 13944 Foreign trade and tariff proposals, hearings, 90th Congress, 2d session, on tariff and trade proposals, June 4-July 2, 1968.
pt. 11. Contains summaries of testimony presented in pts. 1-10. 1969. viii+5601-5827 p. [Prepared with assistance of staff of Tariff Commission.]
* Paper, \$1.00. ● Item 1028
L.C. card 68-61842 Y 4.W 36: F 76tr/7/pt.11
- 13945 Press releases announcing tentative decisions on tax reform subjects as announced by Wilbur D. Mills, including press release of May 27, 1969 and press release of July 11, 1969. 1969. iii+16 p. (Committee print, 91st Congress, 1st session.) * Paper, 15c.
L.C. card 73-603473 Y 4.W 36: T 19/47/960-2
- 13946 Revised summary list and brief description of provisions contained in H.R. 13270, Tax reform act of 1969. 1969. ii+5 p. (Committee print, 91st Congress, 1st session.) * Paper, 20c.
L.C. card 72-603533 Y 4.W 36: T 19/48

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

PRINTING JOINT COMMITTEE
Washington, DC 20510

- 13947 [Government paper specification standards no. 6, Change, effective Feb. 1, 1968.] Aug. 25, 1969. [21] leaves, 4" [Issued in looseleaf form.]
* Paper, \$2.00 (including supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 1004-B
Y 4.P 93/1: 7/6/ch.-3

SENATE
Washington, DC 20510

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 91st Congress.

- 13948 30. Report of Secretary of Senate, Jan. 1–June 30, 1969; Aug. 25, 1969. 1969. iv+503 p. † (To be sent to depository libraries in Serial set binding.)
13949 31. Semiannual report of Architect of Capitol, Jan. 1–June 30, 1969, pursuant to sec. 105(b), Public law 454, 88th Congress; Aug. 26, 1969. 1969. iii+115 p. † ● Item 996

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 13950 298. Lt. Col. Samuel J. Cole, U.S. Army (retired). Report from Committee on Judiciary to accompany S. 267. July 10, 1969. 8 p.
13951 301. Dr. Diego Aguilar Aranda. Report from Committee on Judiciary to accompany S. 571. July 10, 1969. 6 p.
13952 302. Dug Foo Wong. Report from Committee on Judiciary to accompany S. 2019. July 10, 1969. 4 p.
13953 303. Conferring U.S. citizenship posthumously upon James F. Wegener. Report from Committee on Judiciary to accompany H.R. 1528. July 10, 1969. 3 p.
13954 304. Wu Hip. Report from Committee on Judiciary to accompany S. 1963. July 10, 1969. 8 p.
13955 305. Andrew Chu Yang. Report from Committee on Judiciary to accompany S. 1645. July 10, 1969. 5 p.
13956 306. Dr. Yavuz Aykent. Report from Committee on Judiciary to accompany S. 1798. July 10, 1969. 5 p.
13957 307. Dr. Yilmaz Bilisel. Report from Committee on Judiciary to accompany S. 1527. July 10, 1969. 4 p.
13958 308. Dr. Zeliha Bilisel. Report from Committee on Judiciary to accompany S. 1526. July 10, 1969. 4 p.
13959 309. Rueben Rosen. Report from Committee on Judiciary to accompany H.R. 2890. July 10, 1969. 5 p.
13960 310. Francesca Adriana Millonsi. Report from Committee on Judiciary to accompany H.R. 2536. July 10, 1969. 5 p.
13961 311. Franklin Jacinto Antonio. Report from Committee on Judiciary to accompany H.R. 2224. July 10, 1969.
13962 312. Pfc. Joseph Anthony Saitko. Report from Committee on Judiciary to accompany H.R. 1948. July 10, 1969. 8 p.
13963 313. Aleksander Zambelli. Report from Committee on Judiciary to accompany H.R. 3166. July 10, 1969. 3 p.
13964 314. Ryssard Stanislaw Obacz. Report from Committee on Judiciary to accompany H.R. 3167. July 10, 1969. 3 p.
13965 315. Yolanda Fulgencio Hunter. Report from Committee on Judiciary to accompany H.R. 3172. July 10, 1969. 5 p.
13966 316. Maria da Conceicao Evaristo. Report from Committee on Judiciary to accompany H.R. 3376. July 10, 1969. 6 p.
13967 317. Lance Cpl. Peter M. Nee (2465662). Report from Committee on Judiciary to accompany H.R. 10060. July 10, 1969. 2 p.
13968 318. Nickolas George Polizos. Report from Committee on Judiciary to accompany S. 1110. July 10, 1969. 6 p.
13969 322. Mr. and Mrs. Wong Yui. Report from Committee on Judiciary to accompany S. 92. July 18, 1969. 5 p.
13970 323. Sfc. Patrick Marratto. Report from Committee on Judiciary to accompany H.R. 3379. July 18, 1969. 5 p.
13971 324. Mr. and Mrs. A. F. Elgin. Report from Committee on Judiciary to accompany H.R. 6585. July 18, 1969. 8 p.

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 27

GOVERNMENT PUBLICATIONS

Senate reports on private bills—Continued

- 13972 341. Quitclaim of sand and gravel—Emogene Tilmon, Logan County, Ark. Report from Committee on Agriculture and Forestry to accompany S. 65. Aug. 6, 1969. 2 p.
- 13973 342. Quitclaim of sand and gravel—Enoch A. Lowder, Logan County, Ark. Report from Committee on Agriculture and Forestry to accompany S. 80. Aug. 6, 1969. 2 p.
- 13974 343. Quitclaim of sand and gravel—Wayne and Emogene Tilmon, Logan County, Ark. Report from Committee on Agriculture to accompany S. 82. Aug. 6, 1969. 2 p.
- 13975 345. Quitclaim of sand and gravel—J. B. and Sula Smith, Magazine, Ark. Report from Committee on Agriculture to accompany S. 81. Aug. 6, 1969. 2 p.
- 13976 352. Capt. John W. Booth III. Report from Committee on Judiciary to accompany H.R. 1808. Aug. 7, 1969. 7 p.
- 13977 353. Michel M. Goutmann. Report from Committee on Judiciary to accompany S. 1934. Aug. 7, 1969. 4 p.
- 13978 354. Mrs. Vita Cusumano. Report from Committee on Judiciary to accompany H.R. 1462. Aug. 7, 1969. 6 p.
- 13979 355. Bernard L. Coulter. Report from Committee on Judiciary to accompany H.R. 4658. Aug. 7, 1969. 3 p.
- 13980 356. Miss JaiHeh Farah Salameh El Ahwal. Report from Committee on Judiciary to accompany H.R. 1707. Aug. 7, 1969. 6 p.
- 13981 357. Miss Marie Moslo. Report from Committee on Judiciary to accompany H.R. 5107. Aug. 7, 1969. 5 p.
- 13982 358. Robert W. Barrie and Marguerite J. Barrie. Report from Committee on Judiciary to accompany H.R. 2037. Aug. 7, 1969. 8 p.
- 13983 359. Bernard A. Hegemann. Report from Committee on Judiciary to accompany H.R. 6581. Aug. 7, 1969. 4 p.
- 13984 360. Anthony Smilko. Report from Committee on Judiciary to accompany H.R. 8136. Aug. 7, 1969. 3 p.
- 13985 361. Clifford L. Petty. Report from Committee on Judiciary to accompany H.R. 9088. Aug. 7, 1969. 5 p.
- 13986 362. Solomon S. Levadi. Report from Committee on Judiciary to accompany H.R. 3213. Aug. 7, 1969. 6 p.
- 13987 367. Lloyd L. Ward, Jr. Report from Committee on Judiciary to accompany S. Res. 97. Aug. 8, 1969. 9 p.
- 13988 376. Cmdr. Edward White Rawlins, U.S. Navy (retired). Report from Committee on Judiciary to accompany S. Res. 96. Aug. 12, 1969. 8 p.
- 13989 388. Lease of District property to Jewish Historical Society of Greater Washington. Report from Committee on District of Columbia to accompany H.R. 12677. Aug. 13, 1969. 4 p.

Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 13990 347. Amending act fixing boundary of Everglades National Park, Fla., and authorizing acquisition of land therein, in order to authorize additional amount for acquisition of certain lands for such park. Report from Interior and Insular Affairs to accompany S. 2564. Aug. 7, 1969. 4 p.
- 13991 348. Waiving acreage limitation of Public purposes land act for Valley of Fire State Park in Nevada. Report from Committee on Interior and Insular Affairs to accompany S. 1108. Aug. 7, 1969. 4 p.
- 13992 363. Amending act of June 13, 1962, with respect to Navajo Indian irrigation project. Report from Committee on Interior and Insular Affairs to accompany S. 203. Aug. 7, 1969. 8 p.
- 13993 369. To amend Small business investment act of 1958. Report from Committee on Banking and Currency to accompany S. 2540. Aug. 11, 1969. 3 p.
- 13994 370. Small Business Administration legislation for 1969. Report from Committee on Banking and Currency to accompany S. 2815. Aug. 11, 1969. 4 p.
- 13995 371. Modification of operation of Kortes unit, Missouri River Basin project, Wyo. Report from Committee on Interior and Insular Affairs to accompany S. 40. Aug. 11, 1969. 4 p.
- 13996 372. Amending act entitled act to authorize sale and exchange of isolated tracts of tribal land on Rosebud Sioux Indian Reservation, S. Dak. Report from Committee on Interior and Insular Affairs to accompany S. 73. Aug. 11, 1969. 4 p.
- 13997 373. Extension of temporary duty suspension on certain istle, temporary extension of interest equalization tax. Report from Committee on Finance to accompany H.R. 10107. Aug. 11, 1969. 4 p.
- 13998 374. Placing in trust status certain lands on Standing Rock Sioux Indian Reservation in North and South Dakota. Report from Committee on Interior and Insular Affairs to accompany S. 74. Aug. 11, 1969. 4 p.
- 13999 375. Conveying District property to Washington International School, Inc. Report from Committee on District of Columbia to accompany H.R. 12720. Aug. 11, 1969. 3 p.
- 14000 377. Amending act of Aug. 9, 1955, to authorize longer term leases of Indian lands located outside boundaries of Indian reservations in New Mexico. Report from Committee on Interior and Insular Affairs to accompany S. 1609. Aug. 12, 1969. 5 p.
- 14001 378. Amending Indian long-term leasing act. Report from Committee on Interior and Insular Affairs to accompany S. 204. Aug. 12, 1969. 8 p.
- 14002 379. Declaring that certain federally owned lands are held by United States in trust for Indians of Pueblo of Laguna. Report from Committee on Interior and Insular Affairs to accompany S. 210. Aug. 12, 1969. 7 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14003 380. Providing for disposition of judgement recovered by Confederated Salish and Kootanai tribes of Flathead Reservation, Mont., in par. 11, docket 50233, Court of Claims, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 1766. Aug. 12, 1969. 3 p.
- 14004 381. Compensating Indians of California for value of land erroneously used as offset in judgment against United States obtained by said Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 671. Aug. 12, 1969. 4 p.
- 14005 382. Declaring that certain federally owned land is held by United States in trust for Cheyenne River Sioux Tribe to Cheyenne River Indian Reservation. Report from Committee on Interior and Insular Affairs to accompany S. 921. [1969.] 5 p.
- 14006 383. Declaring that United States shall hold certain land in trust for Three Affiliated Tribes of Fort Berthold Reservation, N. Dak. Report from Committee on Interior and Insular Affairs to accompany S. 776. Aug. 12, 1969. 5 p.
- 14007 384. Providing for construction and improvement of certain road on Navajo Indian Reservation. Report from Committee on Interior and Insular Affairs to accompany S. 404. Aug. 12, 1969. 8 p.
- 14008 385. Establishing Buffalo National River. Report from Committee on Interior and Insular Affairs to accompany S. 855. Aug. 13, 1969. 6 p.
- 14009 386. Granting States reciprocal right to sue in District of Columbia courts to recover delinquent State taxes. Report from Committee on District of Columbia to accompany S. 2502. Aug. 13, 1969. 3 p.
- 14010 387. Amending survivor annuity provisions of District of Columbia Judges retirement act of 1964. Report from Committee on District of Columbia to accompany S. 2056. Aug. 13, 1969. 8 p.

Aeronautical and Space Sciences Committee, Senate Washington, DC 20510

- 14011 Future NASA space programs, hearing, 91st Congress, 1st session, Aug. 5, 1969. 1969. iv+70 p. il. † ● Item 1032-A
L.C. card 70-603614 Y 4.Ae 8: N 21 a/4

Aging, Special Committee on, Senate Washington, DC 20510

- 14012 Health aspects of economics of aging, working paper in conjunction with overall study of Economics of aging, toward full share in abundance, July 1969; prepared by advisory committee. Revised [edition]. 1969. vi+43 p. il. (Committee print, 91st Congress, 1st session.) * Paper, 25c.
L.C. card 79-603524 Y 4.Ag 4: H 34/10
- 14013 Social security for the aged, international perspectives, working paper prepared [by George F. Rohrlach, professor of political economy and social insurance, Temple University School of Business Administration], for hearing, on International perspectives on economics of aging, Aug. 25, 1969; Aug. 1969. 1969. vii+14 p. (Committee print, 91st Congress, 1st session.) * Paper, 15c.
L.C. card 78-603521 Y 4.Ag 4: So 1

Agriculture and Forestry Committee, Senate Washington, DC 20510

- 14014 FHA insured operating loans, hearings before Subcommittee on Agricultural Credit and Rural Electrification, 91st Congress, 1st session, on S. 815, July 29, 1969. 1969. iii+27 p. † ● Item 1032
L.C. card 79-603228 Y 4.Ag 8/2: L 78/9

Appropriations Committee, Senate Washington, DC 20510

- 14015 Department of Interior and related agencies appropriations for fiscal year 1970, hearings before subcommittee, 91st Congress, 1st session, on H.R. 12781. † ● Item 1033 Y 4.Ap 6/2: In 8/970/pt. (nos.)
L.C. card 75-603602
pt. 1. [Mar. 11-21, 1969.] 1969. ii+1862+clxv p. il.
pt. 2. [Mar. 24-July 9, 1969.] 1969. ii+1863-3504+clxv p. il.

4For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 ●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Armed Services Committee, Senate
Washington, DC 20510

- 14016 Nominations of Air Force Reserve general officers, hearing before Subcommittee on Reserve General Officer Promotions, 91st Congress, 1st session, on nominations for appointment in Air Force Reserve in grade of major and brigadier generals; Aug. 1, 1969. 1969. ii+13 p. † ● Item 1034
L.C. card 75-603357 Y 4.Ar 5/3: A1 7/7/969

Banking and Currency Committee, Senate
Washington, DC 20510

- 14017 Housing and urban development legislation of 1969, hearings before Subcommittee on Housing and Urban Affairs, 91st Congress, 1st session, on bills relating to housing and urban development, July 15-25, 1969. 1969. xi+596 p. ii. † ● Item 1035
L.C. card 78-603355 Y 4.B 22/3: H 81/55/969
- 14018 Nominations of Thomas Hal Clarke and Carter L. Burgess, hearing, 91st Congress, 1st session on nominations of Thomas Hal Clarke to be member of Federal Home Loan Bank Board, and Carter L. Burgess to be incorporator of corporation authorized by sec. 902(a) of Housing and urban development act of 1968, July 28, 1969. 1969. iii+9 p. † ● Item 1035
L.C. card 74-603232 Y 4.B 22/3: C 54/2
- 14019 Small business legislation of 1969, hearings before Subcommittee on Small Business, 91st Congress, 1st session, on several bills and a resolution relating to small business, July 8-11, 1969. 1969. v+229 p. ii. † ● Item 1035
L.C. card 70-603396 Y 4.B 22/3: Sm 1/20/969

Commerce Committee, Senate
Washington, DC 20510

[Committee hearings] serial, 91st Congress. † ● Item 1041
Y 4.O 73/2: 91-(nos.)

- 14020 13. Airport/airways development, hearings before Subcommittee on Aviation, 91st Congress, 1st session, to determine appropriate course of Federal action for coming years in field of airport/airways development.
pt. 1. June 17-26, 1969. 1969. iv+445 p. ii.
L.C. card 78-603398
- 14021 14. To amend Federal aviation act of 1958, hearings, 91st Congress, 1st session, on S. 1373, Mar. 18-26, 1969. 1969. iii+134 p.
L.C. card 74-603539

District of Columbia Committee, Senate
Washington, DC 20510

- 14022 Crime in National Capital, hearings, 91st Congress, 1st session.
pt. 2A. Drug abuse in Washington area, June 17, 1969. 1969. iii+387-466 p. ii.
* Paper, 40c. ● Item 1036
L.C. card 78-601292 Y 4.D 63/2: C 86/4/969/pt.2 A
- 14023 Crime in National Capital, hearings before Committee on District of Columbia and Subcommittee on Improvements in Judicial Machinery of Committee on Judiciary, Senate, 91st Congress, 1st session, on S. 1066 [and other bills].
pt. 3. Reorganization of District of Columbia courts, May 19-Aug. 7, 1969. 1969. vi+467-1323+A-711 to A-742 p. * Paper, \$3.75. ● Item 1036
L.C. card 76-601292 Y 4.D 63/2: C 86/4/969/pt.3

Finance Committee, Senate
Washington, DC 20510

- 14024 Antidumping, report of President of United States on antidumping (for period July 1, 1968-June 30, 1969), pursuant to Public Law 90-634, sec. 201(b); Aug. 13, 1969. 1969. v+106 p. (Committee print, 91st Congress, 1st session.) * Paper, 45c.
L.C. card 74-603520 Y 4.F 49: An 8/4

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

●Official Use. Not Available

OCTOBER 1969

- 14025 Interest equalization tax extension act of 1969, hearing, 91st Congress, 1st session, on H.R. 12829, Sept. 3, 1969. 1969. iii+117 p. † ● Item 1038
L.C. card 70-603641 Y 4.F 49: In 8/2/969
- 14026 Staff data relating to medicaid-medicare study, prepared by staff of Committee on Finance; July 1, 1969. 1969. iii+39 p. il. (Committee print, 91st Congress, 1st session.) [This document has not been reviewed by the Committee. It is published only for information.] ‡
L.C. card 76-602841 Y 4.F 49: M 46/5
- Tax reform act of 1969, H.R. 13270. 1969. (Committee print, 91st Congress, 1st session.)
- 14027 pt. A. Testimony to be received Tuesday, Sept. 16, 1969; pt. B, additional statements (Topics: Capital gains; restricted stock; lump-sum distributions under pension and profit-sharing plans). iii+342 p. il. ● Paper, \$1.25.
L.C. card 74-603685 Y 4.F 49: T 19/26/Sept.16
- 14028 pt. A. Testimony to be received Thursday, Sept. 18, 1969; pt. B, additional statements (Topics: Charitable contributions; stock dividends; moving expenses). iii+386 p. il. ● Paper, \$1.50.
L.C. card 78-603686 Y 4.F 49: T 19/26/Sept.18
- 14029 Statement of David M. Kennedy, Secretary of Treasury, Sept. 4, 1969. iii+93 p. ● Paper, 40c.
L.C. card 70-603684 Y 4.F 49: T 19/26/Sept.4
- 14030 Testimony to be received Monday, Sept. 8, 1969 (Topics: General; single persons): Sept. 8, 1969. iii+237 p. ‡
L.C. card 77-603683 Y 4.F 49: T 19/26/Sept.8

Foreign Relations Committee, Senate Washington, DC 20510

- 14031 Strategic and foreign policy implications of ABM systems, anti-submarine warfare, multiple independently targeted reentry vehicles (MIRV), hearings before Subcommittee on International Organization and Disarmament Affairs, 91st Congress, 1st session.
pt. 3. May 16 and July 16, 1969. 1969. iii+623-692 p. [Confidential hearing held May 16, 1969, sanitized and printed Aug. 27, 1969.] ● Paper, 40c.
● Item 1039
L.C. card 72-601504 Y 4.F 76/2: An 8/2/pt.3

Government Operations Committee, Senate Washington, DC 20510

- 14032 Donable surplus property program, hearings before Ad Hoc Subcommittee on Federal Surplus Property, 91st Congress, 1st session, July 9 and 10. 1969. 1969. iv+162 p. il. † ● Item 1037
L.C. card 70-603361 Y 4.G 74/6: Su 7/7/969
- 14033 Establish Commission on Government Procurement, hearing, 91st Congress, 1st session; July 31, 1969. 1969. iv+411 p. † ● Item 1037
L.C. card 70-603353 Y 4.G 74/6: G 74
- 14034 Establish Department of Consumer Affairs, hearings before Subcommittee on Executive Reorganization, 91st Congress, 1st session, on S. 860 and S. 2045, Mar. 17-July 16, 1969. 1969. v+826 p. il. map. † ● Item 1037
L.C. card 74-603642 Y 4.G 74/6: C 76/969
- 14035 Inventory of congressional concern with research and development, 90th Congress, 2d session, pt. 4, bibliography, prepared for Subcommittee on Government Research [by Science Policy Research Division of Legislative Reference Service, Library of Congress]; July 31, 1969. 1969. ix+205-249 p. il. (Committee print, 91st Congress, 1st session.) ‡
L.C. card 67-60332 Y 4.G 74/6: R 31/2/pt.4
- 14036 Riots, civil and criminal disorders, hearings before Permanent Subcommittee on Investigations, 91st Congress, 1st session, pursuant to S. Res. 26, 91st Congress. ● Item 1037
L.C. card 68-60271 Y 4.G 74/6: R 47/pt.-(nos.)
pt. 19. June 18-25, 1969. 1969. ix+3721-4173 p. il. 3 pl. ● Paper, \$2.50.
pt. 20. June 26 and 30, 1969. 1969. viii+4175-4498 p. il. 3 pl. ● Paper, \$1.75.

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14037 Staff study of campus riots and disorders, Oct. 1967-May 1969; [prepared by Daniel Harris and Joseph Honcharik of General Accounting Office for] Permanent Subcommittee on Investigations, June 1969. 1969. iii+52 p. (Committee print, 91st Congress, 1st session.) ‡ Y 4.G 74/6: R 47/3
L.C. card 76-602490

- 14038 Utility consumers' council act of 1969, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 1st session, on S. 607.
● Item 1037 Y 4.G 74/6: Ut 3/2/pt.-(nos.)
L.C. card 78-60087 pt. 6A. June 26-July 9, 1969. 1969. xvi+1389-1664 p. * Paper, \$1.25.
pt. 6B. June 26-July 9, 1969. iv+1665-1802 p. ii. * Paper, 55c.

Interior and Insular Affairs Committee, Senate Washington, DC 20510

- 14039 Acreage limitation amendments, hearing before Subcommittee on Water and Power Resources, 91st Congress, 1st session, on S. 2062 and S. 2072, July 18, 1969. 1969. iii+20 p. † ● Item 1040 Y 4.In 8/13: Ac 7/5
L.C. card 70-603617

- 14040 Annual meeting with directors of National Reclamation Association, memorandum of chairman to members of Committee on Interior and Insular Affairs; Feb. 26, 1969. 1969. v+36 p. ii. (Committee print, 91st Congress, 1st session.) ‡ Y 4.In 8/13: N 21r/2
L.C. card 72-603308

- 14041 Buffalo National River, Ark., hearing before Subcommittee on Parks and Recreation, 91st Congress, 1st session, on S. 855, May 27, 1969. 1969. vii+192 p. map. † ● Item 1040 Y 4.In 8/13: B 86
L.C. card 71-603226

- 14042 Interior nomination, hearing, 91st Congress, 1st session, on nomination of Edward E. Johnston, of Hawaii, to be High Commissioner of Trust Territory of Pacific Islands, Apr. 30, 1969. 1969. ii+8 p. † ● Item 1040 Y 4.In 8/13: N 72/969-7
L.C. card 76-602230

- 14043 Interior nomination, hearing, 91st Congress, 1st session, on nomination of Louis R. Bruce of New York, to be Commissioner of Indian Affairs, Aug. 11, 1969. 1969. ii+14 p. † ● Item 1040 Y 4.In 8/13: N 72/969-8
L.C. card 77-603395

- 14044 Interior nominations, hearings, 91st Congress, 1st session, on nomination of Carlos Garcia Camacho, of Guam, to be Governor of Guam, and nomination of Melvin H. Evans, of Virgin Islands, to be Governor of Virgin Islands, June 17, 1969. 1969. ii+18 p. † ● Item 1040 Y 4.In 8/13: N 72/969-6
L.C. card 71-603356

- 14045 Navajo Indian irrigation project, hearing before Subcommittee on Water and Power Resources, 91st Congress, 1st session, on S. 203, July 15, 1969. 1969. iii+34 p. † ● Item 1040 Y 4.In 8/13: N 22/7
L.C. card 78-603371

- 14046 Oversight of oil development activities in Alaska, hearing before Special Subcommittee on Legislative Oversight, 91st Congress, 1st session, on Department of Interior's manpower and funding requirements and capability to oversee oil resource development activities on public lands in Alaska, Aug. 12, 1969. 1969. iii+32 p. † ● Item 1040 Y 4.In 8/13: Al 1/22
L.C. card 78-603600

Judiciary Committee, Senate Washington, DC 20510

- 14047 Crime in National Capital, hearings, pt. 3. See District of Columbia Committee, Senate.

- 14048 Electing the President, hearings before Subcommittee on Constitutional Amendments, 91st Congress, 1st session, on S.J. Res. 1 [and other bills], Jan. 23-May 2, 1969. 1969. viii+1053 p. † ● Item 1042 Y 4.J 89/2: P 92/11/969
L.C. card 73-603394

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14049 Extent of subversion in campus disorders, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 1st session.
pt. 1. Testimony of Ernesto E. Blanco, June 19, 1969. 1969. iii+88 p. il. * Paper, 40c. ● Item 1042
L.C. card 79-603540 Y 4.J 89/2: C 15/pt.1
- 14050 Measures relating to organized crime, hearings before Subcommittee on Criminal Laws and Procedures, 91st Congress, 1st session, on S. 30 [and other bills]. Mar. 18-June 4, 1969. 1969. viii+558 p. il. † ● Item 1042
L.C. card 77-603588 Y 4.J 89/2: C 86/10
- 14051 Proposed academic freedom protective act of 1969, hearing before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 1st session, on S. 1988, Aug. 5, 1969. 1969. iii+105+iv p. † ● Item 1042
L.C. card 73-603615 Y 4.J 89/2: Ac 1

Labor and Public Welfare Committee, Senate
Washington, DC 20510

- 14052 Allocations of Federal funds under 3 student assistance programs, college work-study program, national defense student loan program, and educational opportunity grants program for fiscal years 1969 and 1970; July 1969. 1969. v+209 p. (Committee print, 91st Congress, 1st session.) ‡
L.C. card 76-602996 Y 4.L 11/2: St 9/5
- 14053 Coal mine health and safety, hearings before Subcommittee on Labor, 91st Congress, 1st session, on S. 355 [and other] bills.
pt. 4. Feb. 27-May 2, 1969. 1969. iii p. 12 p. of pl. [Plates are colored.] †
● 1043
L.C. card 70-601935 Y 4.L 11/2: C 63/2/pt.4
- 14054 Communicable disease control, hearing before Subcommittee on Health, 91st Congress, 1st session, on S. 2264 [and] S. 1622, June 30, 1969. 1969. iv+137 p. il. † ● Item 1043
L.C. card 77-603616 Y 4.L 11/2: C 73/3
- 14055 Enactments by 90th Congress concerning education and training, 2d session 1968 (with related presidential recommendations, legislative histories of bills, and digests of enactments); prepared [by Charles A. Quattlebaum], Legislative Reference Service, Library of Congress. June 1969. xiv+422 p. (Committee print, 91st Congress, 1st session.) ‡
L.C. card 76-602998 Y 4.L 11/2: Ed 8/18/968
- 14056 Medical care facilities construction and modernization, hearings before Subcommittee on Health, 91st Congress, 1st session, on S. 2182 [and] H.R. 11102, June 12-19, 1969. 1969. vi+381 p. il. † ● Item 1043
L.C. card 77-603230 Y 4.L 11/2: M 46/12
- 14057 Medical library amendments of 1969, hearing before Subcommittee on Health, 91st Congress, 1st session, on S. 2549, S. 2239, and H.R. 11702, July 31, 1969. 1969. iv+237 p. il.† ● Item 1043
L.C. card 71-603601 Y 4.L 11/2: M 46/13

Nutrition and Human Needs, Select Committee on, Senate
Washington, DC 20510

NOTE.—The Select Committee on Nutrition and Human Needs was established as a select committee of the Senate by S. Res. 281 of the 90th Congress, 2d session, which was considered, amended, and agreed to July 30, 1968.

- 14058 Nutrition and human needs, hearings, 90th Congress, 2d session, and 91st Congress, 1st session. ● Item 1009
L.C. card 76-600776 Y 4.N 95: N 95/pt. (nos.)
- pt. 9. California, May 8 and 9, 1969. 1969. vi+2719-3155 p. [Hearings held in Los Angeles and San Francisco.] * Paper, \$1.75.
- pt. 10. S.C.I.C. and East St. Louis, May 14 and June 27, 1969. [1969.] iv+3157-3403 p. [Hearings held in Washington, D.C. and East St. Louis, Ill.] * Paper, \$1.00.
- pt. 11. Child nutrition and school food assistance, July 9-11, 1969. 1969. v+3405-3754 p. il. * Paper, \$1.50.

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 33

GOVERNMENT PUBLICATIONS

Post Office and Civil Service Committee, Senate
Washington, DC 20510

- 14059 Census nomination, hearing, 91st Congress, 1st session, on nomination of George Hay Brown to be Director, Bureau of Census, Aug. 7, 1969. 1969. iii+14 p. † ● Item 1044
L.C. card 73-603351 Y 4.P 84/11: C 33/969

Public Works Committee, Senate
Washington, DC 20510

- [Committee publication] serial, 91st Congress.
14060 16. Oversight hearings on highway safety program, hearings before Subcommittee on Roads, 91st Congress, 1st session, on review of programs implementing requirements of Highway safety act of 1966 and S. 2399, June 24-July 1, 1969. 1969. iv+252 p. il. † ● Item 1045
L.C. card 77-603407 Y 4.P 96/10: 91-16
14061 Toward a national materials policy, report on proposed Commission on National Materials Policy; prepared by ad hoc committee originated by Legislative Reference Service, Library of Congress, at request of J. Caleb Boggs, Apr. 1969. 1969. vii+86 p. 1 pl. (Committee print, 91st Congress, 1st session.) †
L.C. card 72-602997 Y 4.P 96/10: M 41/3

Small Business, Select Committee on, Senate
Washington, DC 20510

- 14062 Impact of crime on small business, 1969, hearings, 91st Congress, 1st session.
pt. 1. May 21-July 22, 1969. 1969. v+376 p. il. † ● Item 1049
L.C. card 70-603538 Y 4.Sm 1/2: C 86/3/969/pt.1

CONSUMER AND MARKETING SERVICE, Agriculture Dept.
Washington, DC 20250

- 1970 acreage-marketing guides AMG (series).
14063 69. Winter vegetables and potatoes. Aug. 1969. 36 p. il. 4° † ● Item 18-D
L.C. card 76-603317 A 88.26/4: 69
14064 Cotton quality, crop of 1968. Aug. 1969. cover title, [1]+4-62 p. il. 4° ([United States cotton quality report for ginnings] v. 42, no. 7; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117 A 88.11: 42/7
14065 Cotton quality, supply, disappearance, carryover, 1968-69. Sept. 1969. cover title, 12 p. 4° ([United States cotton quality report for ginning] v. 42, no. 8; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service, Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117 A 88.11: 42/8
PMG (series).
14066 6. 1969 broiler marketing guide, supplement. [Sept. 1969.] 11 p. 4° † ● Item 18-D
A 88.26/5: 6/supp.

COPYRIGHT OFFICE, Library of Congress
Washington, DC 20540

- 14067 Catalog of copyright entries, 3d series, v. 22. * Paper, \$50.00 a yr. (including semiannual issues for pts. 1-13); \$12.50 additional for foreign mailing. ● Item 797
L.C. card 6-635347 LC 3.6/5: v.22/pt. (nos.)
pt. 6. Maps and atlases, no. 2; July-Dec. 1968. 1969. ix+117-195 p. 4°
NOTE.—Part 6 also sold separately on subscription. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 14068 pt. 7-11A. Works of art, reproductions of works of art, scientific and technical drawings, photographic works, prints and pictorial illustrations, no. 2; July-Dec. 1968. 1969. ix+173-322 p. 4°

NOTE.—Parts 7-11A also sold separately on subscriptions. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50.

Circulars. † ● Item 802-A

LC 3.4/2: (nos.)

- 14069 2B. Selected bibliography on copyright. [Aug. 1969.] [2] p. 4°
14070 14. New versions and reprints. [Aug. 1969.] 2 p. 4°
14071 41. Choreographic works. [Oct. 1968.] 2 p. 4°
14072 60. Copyright for books. [Aug. 1969.] 2 p.

COURT OF CLAIMS Washington, DC 20006

- 14073 [U.S. Court of Claims reports]; v. 186, cases decided in United States Court of Claims, Dec. 1, 1968-Feb. 28, 1969, with report of decisions of Supreme Court in Court of Claims cases; reported by Audrey Bernhardt, acting reporter. 1969. xvii+983 p. 1l. 4° * Cloth, \$5.75. ● Item 730
L.C. card 11-11908 Ju 3.9: 186

CUSTOMS BUREAU, Treasury Dept. Washington, DC 20226

- 14074 Can you find it? [1969.] cover title, [12] p. 1l. 4° [Text on p. 2-4 of cover.] † ● Item 950 T 17.2: F 49
14075 Customs hints for returning U.S. residents, know before you go. [1969.] [2]+24+[2] p. 1l. narrow 8° ([Office of Information and Publications.]) [Some illustration are colored.] * Paper, \$25.00 per 100; single copy, 35c. ● Item 950 T 17.2: C 96/3/969
14076 115th set revised pages to Customs regulations through Aug. 1968. 1968 [published 1969]. [31] p. 4° [Includes amendments made by Treasury decisions 68-160 through 68-200. Issued in looseleaf form.] * Paper, \$9.00 (including basic book and revised pages for an indefinite period); \$3.00 additional for foreign mailing. ● Item 948-A T 17.9: 966/rev. pages 115
14077 118th set revised pages to Customs regulations through Feb. 1969. [1969.] [34] p. 4° [Includes amendments made by Treasury decisions 69-1 through 69-55. Issued in looseleaf form.] * Paper, \$9.00 (including basic book and revised pages for an indefinite period); \$3.00 additional for foreign mailing. ● Item 948-A T 17.9: 966/rev. pages 118

DEFENSE DEPARTMENT Washington, DC 20301

- 14078 Annual historical summary: Defense Documentation Center [Cameron Station, Alexandria, Va.], July 1, 1966-June 30, 1967. Oct. 1, 1967. Cover title [52] p. 1l. 4° (RCS: DD-DSA(A) 216(L); Defense Supply Agency †
L.C. card 72-601626 D 7.1/10: 966-67
14079 — Defense Documentation Center [Cameron Station, Alexandria, Va.], July 1, 1967-June 30, 1968. [1969.] cover title, iv+[1]+17+[2] p. 1l. 4° (RCS DD-DSA (A) 216 (L); Defense Supply Agency.) †
L.C. card 72-601628 D 7.1/10: 967-68
14080 21st annual report to Congress on National Industrial Reserve under public law 883, 80th Congress. Apr. 1, 1969. cover title, [4] leaves+40 p. 1l. 4° †
L.C. card 50-60617 D 7.21: 969

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 35

GOVERNMENT PUBLICATIONS

- 14081 Armed services vocational aptitude battery, high school counselors manual [with list of publications]. [Apr. 1968.] cover title, iv+44 p. il. ([Office of Assistant Secretary of Defense, Manpower and Reserve Affairs.]) [Pages ii and iv are blank, but no text is missing.] ‡
D 1.6/2: Ar 5

Defense Supply Agency Manual DSAM (series). ● Item 314-A
D 7.6/8: (nos.)

- 14082 4130.2. Federal item identification guides (FIIG) improvement program procedures manual. Change 1. July 14, 1969. [4] p. 4° ([Army Dept.] AR 708-9, CH 1; [Navy Dept.] NAVSUP PUB 5001, CH 1; [Air Force Dept.] AFM 72-3, CH 1; [Marine Corps] MCO P4410.6B, CH 1.) [Issued in looseleaf form.] * Paper, 10c.
- 14083 4145.2, v. 1. Preservation, packaging, and packing of military supplies and equipment, Jan. 24, 1968, Change 1. Aug. 18, 1969. [56] p. il. 4° (Army Dept. technical manual 38-230-1; Navy Dept. publication NAVAIR 15-01-1; Air Force Dept. pamphlet AFP 71-4, v. 1; Marine Corps manual MCO P4030.31) [Issued in looseleaf form.] ‡
- 14084 7000.1. Accounting and finance manual, Change 23. Aug. 12, 1969. [274] p. 4° [Issued in looseleaf form.] ‡
- 14085 Federal item identification guide: Capacitors fixed, Sept. 6, 1968, Change 1. Aug. 29, 1969. [25] p. il. 4° (FIIG A010; Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c.
● Item 314-A D 7.6/4: C 17/ch.1
- 14086 — Junction boxes, Dec. 20, 1968, Change 2. July 11, 1969. [4] p. 4° (FIIG A061; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 10c. ● Item 314-A
D 7.6/4: J 95/ch.2
- 14087 — Keys and pins, July 7, 1967, Change 2. Aug. 1, 1969. [13] p. 4° (FIIG A212; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form..] * Paper, 10c. ● Item 314-A
D 7.6/4: K 52/ch.2
- 14088 — Lens, lighting, Dec. 20, 1968, Change 2. July 11, 1969. [4] p. 4° (FIIG A075; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 10c. ● Item 314-A
D 7.6/4: L 54/ch.2
- 14089 — Lift trucks, fork, platform, and pallet. Aug. 1, 1969. cover title, [69] p. il. 4° (FIIG A085; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 60c. ● Item 314-A
D 7.6/4: L 62/2
- 14090 — Medicaments. Aug. 1, 1969. cover title, [84] p. 4° (FIIG T002; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, \$1.00. ● Item 314-A
D 7.6/4: M 46
- 14091 — Nuts, Aug. 30, 1968, Change 1. July 18, 1969. [24] p. il. 4° (FIIG A021; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314-A
D 7.6/4: N 95/ch.1
- 14092 — Ranges, electric, gas, and oil burning, Nov. 29, 1968, Change 2. July 11, 1969. [4] p. 4° (FIIG A050; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 10c. ● Item 314-A
D 7.6/4: R 16/ch.2
- 14093 — Threaded fasteners, May 1, 1967, Change 3. July 18, 1969. [18] p. 4° (FIIG A003; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314-A
D 7.6/4: F 26/ch.3

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14094 Federal supply classification listing of DoD standardization documents; July 1, 1969. [1969.] viii+531 p. 4° [Issued in looseleaf form. Supersedes index date May 1, 1968 and supplement dated May 1, 1969.] * Paper, \$12.00 (including basic book and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. ● Item 314-G
L.C. card 67-1774 D 7.14/2: 969
- 14095 How new food products from industry are authorized for use by U.S. Armed Forces. [1969.] [1]+12 p. il. narrow 8° (Office of Assistant Secretary of Defense, Dept. of Defense Food Planning Board, Armed Forces Product Evaluation Committee, Chicago, Ill.) ‡ D 1.2: F 73
- 14096 Index of specifications and standards; July 1, 1969. [1969.] [Issued in looseleaf form. Supersedes Index dated July 1, 1968 and Supplement dated May 1, 1969. * Paper, \$22.00 (including basic issues pts. 1 and 2, with cumulative bimonthly supplements for each part for an indefinite period); \$5.00 additional for foreign mailing. ● Item 314-G
L.C. card 67-1775 D 7.14: 969/pt.1,2
pt. 1. Alphabetical listing. viii+473 p. 4°
pt. 2. Numerical listing. ix+543+51 p. 4°
- 14097 Index of specifications and standards; July 1, 1969: pt. 2, Numerical listing, appendix (canceled documents). 1969. iv+203 p. 4° * Paper, \$2.50. ● Item 314-G
L.C. card 67-1775 D 7.14: 969/pt.2/app.
- 14098 Military assistance facts. May 1969. cover title, [1]+22 p. il. oblong 12° ([Office of Assistant Secretary of Defense, International Security Affairs.]) [Text on p. 2 of cover.] ‡ D 1.2: M 59/5/969
Military standard MIL STD (series). [Issued with perforations.] ‡
● Item 314-J D 7.10: (nos.)
- 14099 280A. Definitions of item levels, item exchangeability, models and related terms. July 7, 1969. [1]+il+5 p. 4° ([MISC-0361.]) [Supersedes MIL-STD-280, Apr. 4, 1956 and MIL-STD-243A, Aug. 31, 1964.]
- 14100 286B. Propellants, solid, sampling, examination and testing. Notice 1. July 15, 1969. [128] p. il. 4° (FSC 1376.)
- 14101 701G. Lists of standard semiconductor devices, notices 3. May 28, 1969. [29] p. 4° (FSC 5961.)
- 14102 85S. Testing standard for personnel parachutes. June 26, 1969. [60] p. 4° [Supersedes MIL-P-6031, Mar. 22, 1950, and USAF bulletin 505, June 18, 1959.]
- 14103 864. Ground support equipment functional classification categories. July 3, 1969. iii+35+[1] p. 4° (FSC MISC.) [Supersedes Air Force Specification bulletin 507, July 19, 1962.]
- 14104 1221. Protective compounds (for personnel). June 16, 1969. vi+25 p. 4° (FSC 6850.)
- 14105 1222. Inorganic salts and compounds, analyzed reagent and reagent grade. June 5, 1969. xviii+89 p. 4° (FSC 6810.) [Issued with perforations.]
- 14106 1331. Parameters to be controlled for specification of microcircuits. Jan. 10, 1969. iii+17 p. il. 4° (FSC 5962.)
- 14107 1333. Aircrew station geometry for military aircraft. June 2, 1969 vi+24+[2] p. il. 4° (FSC 1500.)
- 14108 1341(SA). Symbols for packages and containers for hazardous industrial chemicals and materials. June 20, 1969. v+19 p. il. 4° (FSC PACK.)
- 14109 1345(EC). Data, measurement, in support of maintenance, calibration and repair of electronic equipment. June 6, 1969. iv+22 p. il. 4° (FSC MISC.; Naval Electronic Systems Command, Navy.)
- 14110 1430. Spectacles, industrial. Feb. 20, 1969. v+8 p. il. 4° (FSC 4240.)
- 14111 1480A. Color codes for webbing, textile; manufacturers' identification. Dec. 13, 1968. (FSC 8305.) [Supersedes MIL-STD-1480, Mar. 15, 1968.]
- 14112 27829. Marker, self luminous, aircraft exit, spring pin mounted. Revised Mar. 6, 1969. 1 p. il. 4° (Fed. sup. class 9905.) [Issued with perforations.]
- 14113 MILSTRIP, military assistance program address directory, supp. 2 [Sept. 1, 1967]: Change 4A. June 1969. [16] p. 4° (DOD 4140.17-M; [Office of Assistant Secretary of Defense (Installations and Logistics).]) [Issued in looseleaf form.] * Paper, 15c. ● Item 314-A
D 7.6/4: M 59/supp.2/rev.-2/ch.4A

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 37

GOVERNMENT PUBLICATIONS

- 14114 MILSTRIP, Military assistance program address directory, supp. 2
[Sept. 1, 1967]: Change 4B. June 30, 1969. [5] p. 4° (DOD 4140.17-M;
[Office of Assistant Secretary of Defense (Installations and Logistics).])
[Issued in looseleaf form.] * Paper, 10c. • Item 314-A
D 7.6/4: M 59/supp.2/rev.-2/ch.4B

- 14115 Real and personal property of Department of Defense, as of June 30, 1968.
[1969.] [1]+vi+178 p. il. 4° (Office of Comptroller.) ‡
L.C. card 57-60984 D 1.2: P 94/8/968

DISTRICT OF COLUMBIA Washington, DC 20004

- 14116 List of legal investments for trust funds in District of Columbia as of July
1, 1969. [1969.] ii+72 p. [Semiannual.] † Office of Register of Wills
and Clerk of Probate Court, Washington, D.C. • Item 430-A
L.C. card 41-7391 DC 21.9: 969-2

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 14117 Economic development districts under provisions of Public works and eco-
nomic development act of 1965, Public Law 89-136, status as of July 1,
1968. [1968.] [1]+18 p. 4° (Office of Development Districts.) ‡
C 46.2: Ec 7/4/968-2

- 14118 EDA, building communities with jobs. [June 1969.] 8 p. narrow 8° ‡
C 46.2: C 73/3/969

- 14119 Selected Indian reservation program. Apr. 1969. [6] p. narrow 8° ‡
C 46.2: In 2/4

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President Washington, DC 20506

OEO pamphlets. † • Item 857-H-17 Pr Ex 10.23:(nos.)

- 14120 4100-7. Me, [from children of Deep South comes a cry for help that cannot be
ignored; text by Lea Heine; illustrations by Hattie Mae]. [1969.]
40 p. il. 4° ([Volunteers in Service to America.]) [Text on p. 2 of
cover.]
- 14121 6130-4. If you're not ready for another baby. [July 1969.] [20] p. il. small 4°
[Produced for Health Services Office, Community Action Program,
by Carolina Population Center, Chapel Hill, N.C.]
- 14122 6172-1. Resources for the aging, an action handbook [with bibliography]. 2d
edition, updated and revised, 1969. xli+224 p. oblong 12° ([Pre-
pared for Community Action Program, Office of Economic Opportunity,
by National Council on Aging, 315 Park Ave. S., New York, NY 10010,
under contract OEO-2468. Illustrations on p. 2 of cover.])
L.C. card 74-603598

ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

Agricultural economic report

- 14123 99. 1966 supplement to costs of producing upland cotton in United States, 1964;
[by I. R. Starbird and B. L. French]. [Sept. 1969.] iv+42 p. il. 4° * Paper,
40c. • Item 42-C A 93.28: 99/supp.966

ERS (series).

- 14124 421. Preliminary economic analysis of Ozark gateway district. [Aug. 1969.]
vi+48 p. il. 4° † • Item 42-I
L.C. card 70-603456 A 93.21: 421

ERS-foreign (series).

- 14125 248. Summary of United Kingdom, projected level of demand, supply, and im-
ports of agricultural products, 1970, 1975, and 1980. [July, 1969.]
[1]+vi+38 p. † • Item 76-G
L.C. card 79-603575 A 93.21/2: 248

- 14126 Farm real estate market developments, CD-73. Aug. 1969. 36 p. il. 4°
† • Item 42-A A 93.9/4: 73

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

EDUCATION OFFICE, Health, Education, and Welfare Dept.
Washington, DC 20202

- 14127 Administration of Public laws 81-874 & 81-815 [as amended], 18th annual report of Commissioner of Education, June 30, 1968: pt. 1; [prepared by Division of School Assistance in Federally Affected Areas]. [1969.] viii+31 p. il. 4° (OE-22003-68, pt. 1.) [Text on p. 2 of cover.] * Paper, 45c. ● Item 460-A-22
L.C. card E 52-22 FS 5.222: 22003-68/pt.1
- 14128 — pt. 2 [Basic tables]. [1969.] iii+180 p. 4° (OE-22003-68, pt. 2) [Pages numbered 71, 77, and 169 are intentionally left blank.] * Paper, \$1.75. ● Item 460-A-22
L.C. card E 52-22 FS 5.222: 22003-68/pt.2
- 14129 Associate degrees and other formal awards below baccalaureate, 1967-68 [higher education]; by Mary Evans Hooper. [June 1969.] vi+118 p. 4° (OE-54045-68; National Center for Educational Statistics.) [Includes highlights and list of related NCES publications on p. 2 and 3 of cover.] * Paper, \$1.25. ● Item 460-A-54
L.C. card 75-602108 FS 5.254: 54045-68
- 14130 Can television really teach? [by Edward L. Palmer]. [1969.] [8] p. il. large 4° (OE-34044; [Bureau of Research]. [Reprinted from American education, Aug.-Sept. 1969.] * Paper, 20c. ● Item 460-A-34
FS 5.234: 34044
- 14131 Directory of educational information centers. [1969.] x+118 p. 4° (OE-12042.) [Prepared by System Development Corporation in performance of contract OEC-0-8-080346-2800.] * Paper, \$1.25. ● Item 460-A-12
L.C. card 75-603574 FS 5.212: 12042
- 14132 Education problems of handicapped in inner city, remarks by James E. Allen, jr., Assistant Secretary for Education and U.S. Commissioner of Education, before conference on Problems of education of children in inner city, jointly sponsored by President's Committee on Mental Retardation and Office of Education, Warrenton, Va., Aug. 11, 1969. [1969.] 11 leaves, 4° †
FS 5.8: A1 53/5
- 14133 Electrical appliance serviceman (D.O.T. occupational code 827.281), suggested guide for training course [with list of textbooks and references]. [1969.] v+14 p. 4° (OE-87039; Bureau of Adult, Vocational, and Library Programs, Manpower Development and Training Program.) * Paper, 30c. ● Item 460-A-87
FS 5.287: 87039
- 14134 Electronics mechanic, entry (D.O.T. occupation code 828.281) suggested guide for training course [with list of textbooks and references]. [1969.] iv+14+[1] p. il. 4° (OE-87040; Bureau of Adult, Vocational, and Library Programs, Manpower Development and Training Program.) * Paper, 30c. ● Item 460-A-87
FS 5.287: 87040
- 14135 Foreign curriculum consultant program for American schools, colleges, and departments of education, 1970-71. [1969.] cover title, [3]+11 p. oblong 12° ([OE-14143; Institute of International Studies.]) †
● Item 460-A-14 FS 5.214: 14143
- 14136 It's Y.O.U.; [by Ellen Ferber]. [1969.] [7] p. il. large 4° (OE-37046.) [Reprinted from American Education, Aug.-Sept. 1969.] * Paper, 20c. ● Item 460-A-37
FS 5.237: 37046
- 14137 Let's be practical about reading; by Carl B. Smith. [1969.] [4] p. il. large 4° (OE-30022.) [Reprinted from American education, Aug.-Sept. 1969.] * Paper, 10c. ● Item 460-A-30
FS 5.230: 30022
- 14138 Library statistics of college and universities: Data for individual institutions, fall 1967; by Bronson Price. [June 1969.] v+346 p. 4° (OE-15203-67; National Center for Educational Statistics.) [Includes list of related NCES publications on p. 3 of cover.] * Paper, \$2.50. ● Item 460-A-15
L.C. card 75-603026 FS 5.215: 15023-67

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 39

GOVERNMENT PUBLICATIONS

- 14139 Mexican-Americans, handbook for educators [with guide to further reading]; by Jack D. Forbes. [1969.] [3]+34 p. 4° [Prepared by Far West Laboratory for Educational Research and Development.] * Paper, 45c.
● Item 461-A (Rev. 1965)
L.C. card 68-65232 FS 5.6/2: M 57
- 14140 New education: Promise and performance, address by James E. Allen, Jr., Assistant Secretary for Education and U.S. Commissioner of Education, before 53rd annual convention of American Federation of Teachers (AFL-CIO), Aug. 20, 1969, New Orleans, La. [1969.] 12 leaves, 4° †
FS 5.8: A1 53/6
- 14141 Recreation program leadership, suggested 2-year post high school curriculum [with list of texts and references]. [1969.] viii+87 p. il. 4° (OE-87042.) * Paper, \$1.00. ● Item 460-A-87 FS 5.287: 87042
- 14142 Research and training opportunities abroad for higher education programs in foreign language and area studies, 1970-71, authorized by Public law 87-256, Mutual educational and cultural exchange act of 1961 (Fulbright-Hays act), sec. 102(b)(6), and Public law 83-480, Agricultural trade development and assistance act of 1954, sec. 104(b)(2) and (3). [1969.] [3]+19 p. oblong 12° ([OE 14134-70]; Institute of International Studies.) [Illustration on cover, Earth against void of space as photographed by crew of Apollo 8.] † ● Item 460-A-14 FS 5.214: 14134-70
- 14143 Resumes of selected projects for handicapped children funded under P.L. 89-313, amendment to title I, ESEA and title 6-A, ESEA, fiscal year 1968. May 1969. iii+104 p. 4° (Bureau of Education for the Handicapped.) † ● Item 461 (Rev. 1965)
L.C. card 70-603876 FS 5.2: H 19/5/968
- 14144 Title 1 ESEA program guides numbers 44 and 45-A. Reprinted Aug. 1969. iv+19 p. 4° (OE-37047.) † ● Item 460-A-37 FS 5.237: 37047
- 14145 U.S. Office of Education, support of computer activities; by Andrew R. Molnar [and] Beverly Sherman. Jan. 1969. iii+210 p. (OE-12044.) * Paper, \$1.75. ● Item 460-A-12
L.C. card 75-603436 FS 5.212: 12044

EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, DC 20210

- 14146 Job market for engineers, scientists, technicians; [prepared by Renee L. Gallop]. July 1968. cover title, iv+27 p. il. 4° ([United States Employment Service.]) [Issued semiannually.] ‡
L 7.63/2: 968/2

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Order or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC, 20310, Attention Publications Office.

- 14147 Albeni Falls Dam, Pend Oreille River, northern Idaho. May 1969. 1 sheet (with map on verso.) il. large 4° folded into narrow 8° size. (U.S. Army Engineer District, Seattle.) ‡
D 103.2: A11
- 14148 Annual fish passage report, Columbia River projects, Bonneville, The Dalles, John Day, McNary; Snake River project, Ice Harbor, Oreg. and Wash., 1968, prepared by Army Engineer Districts, Portland and Walla Walla. [1969.] cover title, [1]+vi+15+[4] p. il. 79 tabs. 27 pl. 4° ([Reports control symbol NPDPL-79]; North Pacific Division.) †
L.C. card 53-63332 D 103.27: 968

*For Sale by Superintendent of Documents
‡Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

Coastal Engineering Research Center: Technical memorandum.

- 14149 27. Corrosion and protection of steel piling [with list of literature cited]; by Laverne L. Watkins. May 1969. v+52+[53] p. il. 4° [Abstract cards attached.] † (Limited distribution), U.S. Army Coastal Engineering Research Center, 5201 Little Falls Road NW, Washington, DC 20016
D 103.42: 27
- 14150 Floods on South Fork of Eel River, Phillipsville to Garberville. June 1969. [1]+6+[1] p. il. (with map on verso), narrow 8° (U.S. Army Engineer District, San Francisco.) [Prepared by Humboldt County by Corps of Engineers from data in Flood plain information, South Fork Eel River, Phillipsville to Garberville, Humboldt County, Calif.] †
D 103.47/2: P 54
- 14151 Notes on sedimentation activities, calendar year 1967. Aug. 1968. cover title, iv+144 p. 4° [Prepared under auspices of Water Resources Council, Committee on Sedimentation.] †
L.C. card 68-62160
D 103.2: Se 2/967
- Port series. [Part 1 of Port series is prepared by Division of Ports, Maritime Administration, Commerce Dept., and part 2 by Port Facilities Branch, Board of Engineers for Rivers and Harbors.]
- 14152 15. Port of Jacksonville, Fla., pt. 2. Revised 1969. 1969. v+64 p. il. 3 maps 4°
* Paper, \$1.75. • Item 340
L.C. card 70-603589
D 103.8: 15/2
- 14153 River highway for trade, the Savannah, canoes, Indian tradeboats, flatboats, steamers, packets, and barges, by Ruby A. Rahn; [M. L. Granger, editor]. June 1968. cover title, [3]+52+6+31 p. il. 4° † U.S. Army Engineer District, Savannah, Corps of Engineers, Savannah, Ga.
L.C. card 70-603437
D 103.2: Sa 9
- 14154 Water resources development by U.S. Army Corps of Engineers in New York. Jan. 1, 1969. cover title, [4]+x+151 p. il. 2 pl. 4° (North Atlantic Division.) [Plates are colored.] †
L.C. card 70-602703
D 103.35: N 42 y

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

Waterways Experiment Station: Technical reports. †

D 103.24/2: (nos.)

- 14155 H-69-9. Theoretics in design of proposed Crescent City Harbor tsunami model [with list of literature cited]; by G. H. Keulegan, J. Harrison, M. J. Mathews. Army-MRC, Vicksburg, Miss., June 1969. [142] p. il. 4° [Sponsored by Army Engineer District, San Francisco.]
- 14156 H-69-10. Mechanics of flow from stratified reservoirs in interest of water quality [with selected bibliography]; by J. P. Bohan, J. L. Grace, jr. Army-MRC, Vicksburg, Miss., July 1969. [100] p. il. 4° [Sponsored by Army Engineer Districts, Savannah and Philadelphia.]

ENGRAVING AND PRINTING BUREAU, Treasury Dept. Washington, DC 20226

- 14157 Brief history of Bureau of Engraving and Printing. [Jan. 1968.] 8 p. il. narrow 8° †
T 18.2: H 62/2/968

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20235

- Climatology of United States no. 21 (series), Climatic summaries of resort areas. [Environmental Data Service.]
- 14158 3-1-[2]. White River Lakes, Ark. and Mo.; [by R. O. Reinhold]. Aug. 1969. [4] p. il. 4° * Paper, 10c. • Item 273-B
C 30.71/6: 3-1-2

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- Climatography of United States 60-nos., Climates of States. (Environmental Data Service.) ● Item 273-B C 30.71/3: (nos.)
- 14159 9. Georgia [with bibliography; by] Horace S. Carter. June 1959, revised and reprinted June 1969. [1969.] 21 p. il. 4° * Paper, 20c.
- 14160 11. Illinois [with bibliography; by] Lawrence A. Schaal. Aug. 1959, revised and reprinted June 1969. [1969.] 19 p. il. 4° * Paper, 20c.
- 14161 19. Massachusetts [with bibliography; by] Robert E. Lautzenheiser. Nov. 1959, revised and reprinted June 1969. [1969.] 19 p. il. 4° * Paper, 20c.
- 14162 23. Missouri [with bibliography; by] J. D. McQuigg. Nov. 1959, revised and reprinted June 1969. [1969.] 19 p. il. 4° * Paper, 20c.
- ESSA technical memorandum. (National Environmental Satellite Center.)
- 14163 NESCTM-16. Improvement of clear column radiance determination with supplementary 3.8u window channel; [by] William L. Smith. July 1969. iii+17 p. il. 4° * Paper, \$3.00. C 52.15/2: NESCTM-16
- ESSA technical report. (ESSA Research Laboratories: Earth Sciences Laboratories, Boulder, Colo.)
- 14164 ERL 123-ESL 6. Induction loop antennas for geomagnetic field variation measurements [with list of references]; by Wallace H. Campbell. June 1969. iii+63 p. il. 4° * Paper, 65c † ● Item 208-B-7 C 52.15: ERL 123-ESL 6
- ESSA technical report. (ESSA Research Laboratories: Institute for Telecommunication Sciences, Boulder, Colo.) ● Item 208-B-7 C 52.15: (letters-nos.)
- 14165 ERL 120-ITS 84. Computer routines for synthesizing ground backscatter from three-dimensional raysets [with list of references; by] Judith J. Stephenson [and] T. M. Georges. July 1969. iii+109 p. il. 4° * Paper, \$1.00.
- 14166 ERL 121-ITS 85. Ground wave propagation in normal and ionized atmosphere [with list of references; by] J. Ralph Johler. July 1969. iv+84 p. il. 4° * Paper, 65c.
- 14167 ERL 124-ITS 87. Numerical maps of fBEs for solar cycle minimum [with list of references; by] M. Leftin, S. M. Ostrow. Aug. 1969. v+54 p. il. 4° * Paper, 60c.
- ESSA technical report. (ESSA Research Laboratories; Pacific Oceanographic Laboratories, Miami, Fla.) ● Item 208-B-7 C 52.15: ERL 118-POL (nos.)
- 14168 ERL 118-POL 3-1. Introduction to hydrodynamics and water waves: v. 1. Fundamentals; [by] Bernard Le Méhauté. July 1969. xxviii+503+[2] p. il. 4° * Paper, \$3.75.
- 14169 ERL 118-POL 3-2. Introduction to hydrodynamics and water waves: v. 2. Water waves theories; [by] Bernard Le Méhauté. July 1969. xx+[1]+507-725 p. il. 4° * Paper, \$2.00.
- ESSA technical report. (ESSA Research Laboratories, Space Disturbances Laboratory, Boulder, Colo.)
- 14170 ERL 119-SDL 10. Solar proton monitoring system; [with list of references; by] G. W. Adams [and] L. R. Megill. Aug. 1969. iv+43 p. il. 4° * Paper, 50c. ● Item 208-B-7 C 52.15: ERL 119-SDL 10
- ESSA technical report. (National Environmental Satellite Center.)
- 14171 NESCTM-44. Processing and display experiments using digitized ATS-1 spin scan camera data [with list of references; by] M. B. Whitney, R. C. Doolittle, and B. Goddard. Apr. 1968. v+60 p. il. 4° * Paper, \$3.00. C 52.15: NESCTM-44
- 14172 Federal plan for upper air observations above 30 kilometers, fiscal years 1969-73; [prepared by Interdepartmental Committee for Applied Meteorological Research of Office of Federal Coordinator for Meteorological Services and Supporting Research]. July 1969. v+72 p. il. 4° [Another illustration on p. 2 of cover.] ‡ C 52.2: Up 6
- 14173 Institutes for Environmental Research scientific and technical publications, fiscal year 1967 [list]. July 1, 1968. viii+65 p. 4° (ESSA Research Laboratories, Scientific Documentation Division, Boulder, Colo.) [Title on cover is: Scientific and technical publications of Institute for Environmental Research.] ‡ C 52.21/4: 967
- 14174 Management information on ERL's scientific and technical publications, fiscal year 1967; prepared by Scientific Documentation Division, ESSA Research Laboratories, Boulder, Colo. Sept. 1968. [186] p. 4° ‡ C 52.21/5: 967

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14175 Management information on ERL's scientific and technical publications, fiscal year 1968; prepared by Scientific Documentation Division, ESSA Research Laboratories, Boulder, Colo. Dec. 1968. [185] p. 4° ‡
C 52.21/5: 968
- 14176 National Meteorological Center. [1969.] [6] p. il. oblong 24° ([ESSA/P1680023 1968.]) † ● Item 208-B-1
C 52.2: N 21 m
- 14177 Scientific and technical publications of ESSA Research Laboratories, fiscal year 1968 [list]. Oct. 1968. vi+65 p. 4° (Scientific Documentation Division, Boulder, Colo.) †
C 52.21/4: 968

FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 14178 Acceptable methods, techniques, and practices: Aircraft alterations. 1965, reprinted May 1969. cover title, [1]+v+62 p. il. 4° ([Advisory circular] 43.13-2.) [Effective 1965. Includes Changes 1-6. Issued in looseleaf form. Cancels AC 43.201.] * Paper, \$2.00 (including basic book and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 431-F-6
TD 4.28: 969
- 14179 — Aircraft inspection and repair. 1965, reprinted May 1969. cover title, [1]+xiii+232 p. il. 4° (AC 43.13-1.) [Issued in looseleaf form. Cancels AC 43.201. This reprint incorporates changes 1 through 5.] * Paper, \$3.00. ● Item 431-F-7
TD 4.28/2: 969
- 14180 Airport design standards, general aviation airports, basic and general transport [with bibliography]. July 14, 1969. cover title, [46] p. il. 4° ([Advisory circular] AC 150/5300-6.) [Issued with perforations.] †
TD 4.8: A1 7/14
- 14181 Current legal literature, Dec. 1967-Feb. 1968 [list]. [1968.] [3]+12 p. 4° (Office of Headquarters Operations, Library Services Division.) †
TD 4.17/4: 968/1
- 14182 Dulles international airport. [1969.] [8] p. il. †
TD 4.2: D 88
- 14183 FAA air traffic activity, fiscal year 1969; [prepared by Viola W. Patterson]. Aug. 1969. x+218 p. il. 4° (Information and Statistics Division, Office of Management Systems.) * Paper, \$1.75. ● Item 431-C-1
L.C. card 78-601630
TD 4.19: 969
- Federal aviation regulations. [Issued in looseleaf form.] † ● Item 431-C-13
TD 4.6:(nos.)
- 14184 pt. 121. Certification and operations: Air carriers and commercial operators of large aircraft, Change 33 [effective] July 11, 1969. [1969.] [14] p. 4° [Incorporates amendment 12147.]
- 14185 pt. 151. Federal aid to airports, Change 29 [effective] June 19, July 21, Sept. 7, 1969. [1969.] [20] p. 4° [Incorporates amendment 151-32, 151-33 and 151-34.]
- 14186 Federal aviation regulations, v. 6, Aug. 1969. [1969.] cover title, [261] p. il. 4° [Issued in looseleaf form.] * Paper, \$5.50 (including basic volume and supplementary materials for an indefinite period); \$1.50 additional for foreign mailing. ● Item 431-C-13
Includes—Part 91, General operating and flight rules—Part 93, Special air traffic rules and airport traffic patterns—Part 99, Security control of air traffic—Part 101, Moored balloons, kites, unmanned rockets and unmanned free balloons—Part 103, Transportation of dangerous articles and magnetized materials—Part 105, Parachute jumping.
TD 4.6/3: v.6
- 14187 1st annual national aviation system planning review conference, summary report. Apr. 1969. cover title, iv+59 p. 4° †
TD 4.31: 969
Handbook.
- 14188 6170.1. Electronic equipment modification handbook, data handling equipment. Jan. 14, 1969. cover title, [440] p. il. 4° [Issued in looseleaf form. Cancels Handbook AFP 6620.1 Communications facilities and equipment modification handbook, data handling facilities and equipment, Jan. 1953.] † ● Item 431-C-4
TD 4.8/2: 6170.1

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14189 Military air traffic activity report, calendar year 1968; [prepared by Publication and Service Branch, Information and Statistics Division, Office of Management Systems]. [1969.] cover title, [1]+iv+46+[1] p. oblong 12° † • Item 431-C-1
L.C. card 72-603698 TD 4.19/4: 968

System package program NS-SPP (series). (National Airspace System Program Office.)

- 14190 68-2. NAS en route stage A system. Apr. 26, 1968. cover title, [228] p. il. 4° [Edge index, and how to use, on p. 4 of cover.] † TD 4.30: 68-2

FEDERAL CREDIT UNIONS BUREAU, Health, Education, and Welfare Dept., Washington, DC 20201

- 14191 Development of Federal credit unions. [1969.] 2 leaves+9 p. 4° (FCU 549.) † FS 3.302: D 49

FEDERAL EXTENSION SERVICE, Agriculture Dept. Washington, DC 20250

- 14192 4H reports to the nation. Jan. 1969. [1]+28 p. il. oblong 8° †
A 43.2: F 82/36/969

FEDERAL FIELD COMMITTEE FOR DEVELOPMENT PLANNING IN ALASKA

Suite 400, 632 6th Avenue, Anchorage, AK 99501

NOTE.—The Federal Field Committee for Development Planning in Alaska was established by Executive Order 11182 of Oct. 2, 1964.

- 14193 Aggregate income model of semi-autonomous Alaskan economy [with bibliography]; prepared by Bradford H. Tuck. Anchorage, Alaska, 1967. [1]+iii+116 p. il. 4° [Text and other illustrations on p. 1 and 2 of cover. Errata, 1 p., was issued also.] † Y 3.A1 1s/4: 2 Ec 7/2
- 14194 Alaska-Northwest Canada economic activities; pt. 1, Summary comparison of mining laws and oil and gas laws and practices with recommendations for policy; prepared by Charles F. Herbert. 1967. cover title, vii+168 p. il. 4° [Text on p. 2 of cover.] † Y 3.A1 1s/4: 2 Ec 7/5/pt.1
L.C. card 78-603418
- 14195 — pt. 2, Analysis of regional, political, and communications aspects of Alaska-Canada development relations; prepared by George W. Rogers with Douglas N. Jones. Anchorage, Alaska, 1968. cover title, iv leaves+116 p. il. 4° [Text on p. 2 of cover.] † Y 3.A1 1s/4: 2 Ec 7/5/pt.2
L.C. card 78-603418
- 14196 Alaska recreation & government policies [with bibliography]; prepared by Jerome R. Saroff. Anchorage, Alaska, 1967. cover title, iii+143 p. il. 4° [Text on p. 2 of cover.] † Y 3.A1 1s/4: 2 R 24
L.C. card 70-603432
- 14197 Federal regulation of transportation in Alaska; prepared by Morris Chertkov. Anchorage, Alaska, Aug. 1967. cover title, i+47 p. 4° [Text on p. 2 of cover.] † Y 3.A1 1s/4: 2 T 68/2
- 14198 Selected economic indicators, end fiscal 1967; prepared by Bradford H. Tuck. Anchorage, Alaska, July 1967. [1]+i+39 leaves, il. 4° † Y 3.A1 1s/4: 2 Ec 7/3
- 14199 Subregional economic analysis of Alaska [with bibliography]; by Douglas N. Jones [and others]. 1968. cover title, xii+383 p.+5 leaves, il. 4° [Errata sheet was issued also.] † Y 3.A1 1s/4: 2 Ec 7/4
L.C. card 70-603546
- 14200 Summary of Alaskan industries by standard industrial classification and corporate classification; prepared by Roger A. Bye. [1968.] cover title, il. 4° † FP 1.30: 968
L.C. card 75-603854

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14201 Westward Alaska, native economy and its resource base [with list of publications and other sources cited]; prepared by John D. Abramson. 1968. cover title, [1]+vii+209 p. il. 4° †
L.C. card 74-601743 F 3.A1 1s/4: 2 W 52

FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

- 14202 Federal Savings and Loan Insurance Corporation, financial statements, June 30, 1969. [1969.] [6] p. il. narrow 8° † FHL 1.2: F 31/2/969-2
14203 Report of Federal Home Loan Bank Board for year ending Dec. 31, 1968, [covering operations of] Federal Home Loan Bank System, Federal Savings and Loan Insurance Corporation, Federal Savings and Loan System. [1969.] xiii+141 p. il. † ● Item 595
L.C. card 34-26236 FHL 1.1: 968

FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20411

- 14204 Failure of floor tile systems, investigation [with bibliography]; by B. D. Spangler. Dec. 1968 [published 1969]. [1]+ii+27+[2] p. il. 4° [Prepared for Technical Studies Program. This does not constitute revision to FHA minimum property standards.] † ● Item 589 HH 2.2: F 65
14205 Manufactured housing, technically suitable for FHA mortgage insurance. [1969.] cover title, [224] p. il. 4° (FHA 106.) [Issued with perforations.] * Paper, \$1.75. ● Item 589 HH 2.2: M 31
14206 Minimum property standards for multifamily housing. June 1969. cover title, [3]+511 p. il. 4° ([FHA 2600.]) [Reprinted to include general revisions M 1 through M 12. Issued in looseleaf form.] * Paper, \$2.50. ● Item 593 HH 2.17/3: M 91/969
14207 Mortgagees' handbook [new and revised pages: July 1969]. [1969.] [51] p. ([35-17.]) [Includes transmittal memorandum 17. Issued in looseleaf form.] † HH 2.6/6: M 84/962/trans.17

FEDERAL MARITIME COMMISSION Washington, DC 20573

- FMC SP (series). † FMC 1.9: (nos.)
14208 69-10. Remarks by John Harlee, Chairman, Federal Maritime Commission, to Executive Committee of Navy League, Colorado Springs, Colo., Aug. 16, 1969. [1969.] 11 p. 4°
14209 69-11. Remarks by H. B. Mutter, Deputy Solicitor, Federal Maritime Commission, before Federal Bar Association convention, Council for Transportation Law Program, Miami Beach, Fla., Sept. 4, 1969. 1969. 9 p. 4°
14210 69-12. Remarks of Commissioner George H. Hearn, of Federal Maritime Commission, at annual convention of Federal Bar Association before Council for Transportation Law, Miami Beach, Fla., Sept. 4, 1969. [1969.] 11 p. 4°
14211 69-13. Regulatory problems affecting inter-American transportation, remarks by James E. Mazure, Acting Managing Director, Federal Maritime Commission before Federal Bar Association Convention, Council for Transportation Law Program, Miami Beach, Fla., Sept. 4, 1969. [1969.] 8 p. 4°

FEDERAL POWER COMMISSION Washington, DC 20426

- 14212 Cost of pipeline and compressor station construction under non-budget type of certificate authorizations as reported by pipeline companies in fiscal year 1968, (July 1, 1967-June 30, 1968). May 1969. [3]+iv+36 p. il. 4° †
L.C. card 75-603854 FP 1.30: 968
14213 Federal Power Commission reports, v. 34, Mar. 18, 1969, errata notice. Mar. 18, 1969. 1 p. † ● Item 438 FP 1.20: 34/errata

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$12.50 a year, \$4.25 additional for foreign mailing; single copy, 25c.

- 14214 Arizona, July 1969. [2]+10 p. 4° [Supersedes issue of Oct. 1968.] ● Item 437-A-2 FP 1.18: Ar 41/969
- 14215 Colorado, June 1969. [2]+14 p. 4° [Supersedes issue of Oct. 1968.] ● Item 437-A-5 FP 1.18: C 71/969
- 14216 Connecticut, July 1969. [2]+8 p. 4° [Supersedes issue of Sept. 1968.] ● Item 437-A-6 FP 1.18: C 76/969
- 14217 Idaho, July 1969. [2]+8 p. 4° [Supersedes issue of Aug. 1968.] ● Item 437-A-10 FP 1.18: Id 1/969
- 14218 Nevada, July 1969. [2]+6 p. 4° [Supersedes issue of Oct. 1967.] ● Item 437-A-26 FP 1.18: N 41/969
- 14219 New Mexico, July 1969. [2]+11 p. 4° [Supersedes issue of Sept. 1968.] ● Item 437-A-29 FP 1.18: N 42 m/969
- 14220 North Carolina, July 1969. [2]+27 p. 4° [Supersedes issue of Sept. 1968.] ● Item 437-A-31 FP 1.18: N 81 c/969
- 14221 Oklahoma, July 1969. [2]+19 p. 4° [Supersedes issue of Oct. 1968.] ● Item 437-A-34 FP 1.18: Ok 4/969
- 14222 Publications list, Aug. 1969. [1969.] 4 p. 4° † FP 1.26: 969-2

FEDERAL RAILROAD ADMINISTRATION, Transportation Dept. Washington, DC 20591

- 14223 Published reports by Office of High Speed Ground Transportation and Northeast Corridor Transportation Project, Department of Transportation. [Mar. 1969.] [2]+17+[6] p. 4° ‡ TD 3.12: H 53/2

FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

- 14224 United States Government organization manual, 1969-70. Revised July 1, 1969. [1969.] viii+805 p. il. [Includes Constitution of United States with amendments. Revised annually. Margin index and instructions for use on p. 4 of cover.] * Paper, \$3.00. ● Item 577 GS 4.109: 969

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- 14225 Banking and monetary statistics, 1968. [1969.] 16 p. 4° [Reprinted from Federal reserve bulletin, Feb. & Mar. 1969.] † FR 1.3/a: B 225/14/968
- 14226 Changes in time and savings deposits, Jan.-Apr. 1969; [by Caroline H. Cagle]. [1969.] p. 581-590, il. 4° [Reprinted from Federal reserve bulletin, July 1969.] † FR 1.3/a: D 441/11/969
- 14227 Education and economic advancement of minority groups in United States, remarks by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before annual convention of Phi Epsilon Pi Fraternity, Miami Beach, Fla., Aug. 28, 1969. [1969.] [1]+25 p. 4° † FR 1.23: B 77/47
- 14228 Errata to Truth in lending interpretations of regulation Z. [1969.] 1 p. oblong 24° † FR 1.2: T 77/2/errata
- 14229 Financial developments in 2d quarter of 1969. [1969.] p. 633-641, il. 4° [Reprinted from Federal reserve bulletin, Aug. 1969.] † FR 1.3/a: F 49/13
- Regulation (series). † FR 1.6: (letters)
- 14230 D. Reserves of member banks, amendment, effective Sept. 4, 1969. [1969.] 1 p.
- 14231 D. [Reserves of member banks], sec. 204.5, supplement, effective Sept. 4, 1969. [1969.] [2] p.
- 14232 M. Foreign activities of national banks, amendment, effective Sept. 4, 1969. [1969.] [2] p.
- 14233 Z. Truth in lending, amendment, effective Aug. 11, 1969. [1969.] [2] p. 4°

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14234 Revision of weekly series for commercial banks. [1969.] [1]+641-646 p. 4°
[Reprinted from Federal reserve bulletin, Aug. 1969.] †
FR 1.3/a : B 225/22

FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

- 14235 Federal specifications. ● Item 563. GS 2.8:

NOTE.—These specifications are completely covered by the index of Federal specifications and standards. Individual specifications are not listed in the Monthly Catalog.

Index of Federal specifications and standards, January 1, 1969, with cumulative supplements as issued (GS 2.8/2: 969) is sold by the Superintendent of Documents on a subscription basis at \$3.00 a yr.; 75c. additional for foreign mailing.

Federal standards. Issued with perforations. ● Item 563

GS 2.8/3: (nos.)

NOTE.—Federal standards may be purchased from the General Services Administration, Specifications Activity, Special Programs Division, Building 197, Naval Weapons Plant, Washington, DC 20407.

All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.

- 14236 268B. Stepladders, May 16, 1969. [1969.] 4 p. 4° (FSC 5440.) [RR-S-00720 and LLL-S-710, issues in effect. Supersedes Fed. Std. 268a, Jan. 23, 1968.] † Paper, 10c.
- 14237 293. Tape, pressure sensitive adhesive, May 8, 1969. [1969.] 4 p. 4° (FSC 8030.) † Paper, 10c.

FEDERAL TRADE COMMISSION Washington, DC 20580

Consumer bulletin.

- 14238 2. Unordered merchandise, shipper's obligations and consumer's rights. [1969.] [3] p. * Paper, 10c. ● Item 533-A FT 1.3/2: 2

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, DC 20242

- 14239 Clean water for nation's estuaries, proceedings, public meeting on water quality management for estuaries, San Francisco, Calif., Feb. 18-19, 1969. [1969.] v. 1, cover title, [1]+vi+320 p.+ [2] leaves, il. 4° (Pacific Southwest Region, San Francisco, Calif.) †
L.C. card 70-603692 I 67.2: Es 8/3/969/v.1
- 14240 Conference [on] pollution of interstate waters of Lake Champlain and its tributary basin, New York, Vermont, proceedings, Nov. 13, Burlington, Vt., Dec. 19-20, 1969, Boston, Mass. [with bibliography]. [1969.] cover title, 416 p. il. 4° † ● Item 473-A-1
L.C. card 75-603444 I 67.2: C 35
- 14241 Conference [on] pollution of Lake Michigan and its tributary basin, Illinois, Indiana, Michigan, and Wisconsin, 2d session, Feb. 25, 1969, Chicago, Ill., proceedings. [1969.] † ● Item 437-A-1
L.C. card 73-603457 I 67.2: M 58/6/969/v.1-2
v. 1. cover title, [3]+2-364 p. il. 4°
v. 2. cover title, [1]+365-968 p. il. 4°
- 14242 Current list of water publications, Robert A. Taft Sanitary Engineering Center, 1965-68. [1969.] [1]+21 p. 4° [Up to date as of Dec. 13, 1968.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, Cincinnati, OH 45226 I 67.14: W 29/2/965-968
- 14243 General background on mineral pollution problem in Colorado River Basin. Jan. 1968. cover title, [3]+31 leaves il. 4° (Southwest Region, San Francisco, Calif.; Colorado River Basin Water Quality Control Project, Denver, Colo.) † I 67.2: C 71/2
- 14244 Report of Water Quality Sub-Task Force on Project Potomac. [Feb. 1, 1967.] [7]+57 p. 4° †
L.C. card 71-603435 I 67.2: P 84/2

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 47

GOVERNMENT PUBLICATIONS

Robert A. Taft Water Research Center: Report TWRC--(series).

- 14245 1. Dilute solution reactions of nitrate ion as applied to water reclamation [with list of references]: by Frank C. Gunderloy, Jr. [and others]. Oct. 1968. vi+87 p. 4° ([Advanced Waste Treatment Laboratory-1.1] [Report is submitted in fulfillment of contract 14-12-52 by Rocketdyne, Division of North American Rockwell Corporation.] † Office of Information, Ohio Basin Region, Federal Water Pollution Control Administration, 4676 Colombia Parkway, Cincinnati, OH 45226 I 67.19: 1

FLIGHT STANDARDS SERVICE, Transportation Dept. Washington, DC 20553

- 14246 General aviation inspection aids, summary, Aug. 1969. [1969.] cover title, vi+138 p. il. 4° ([Advisory circular] AC 20-7F.) [Text and another illustration on p. 2-4 of cover. Issued with perforations.] * Paper, \$3.00 (including basic manual and 11 monthly supplements); 75c. additional for foreign mailing. ● Item 431-C-6 TD 4.400: 969

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- 14247 Selected technical publications, July-Dec. 1968, Food and Drug Administration, [no. 8; with bibliographies]. [1969.] cover title, vi+503 p. il. 4° † ● Item 475 FS 13.102: T 22/no.8

FOREST SERVICE, Agriculture Dept. Washington, DC 20250

- 14248 Animal damage control. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Forestry Sciences Laboratory, Olympia, Wash.) † A 13.66/2: An 5
- 14249 Annual report of research at Forest Products Laboratory FPL '68. [1969.] cover title, iv+36 p. il. 4° [Includes list of FPL publications issued in 1968.] † A 13.27/1: 968
L.C. card 67-60181
- 14250 Big-game habitat. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Range and Wildlife Habitat Laboratory, LaGrande, Oreg.) † A 13.66/2: B 48
- 14251 Bridger National Forest, [Wyo.]. [1968.] 1 sheet (with map on verso) il. oblong f° folded in narrow 8° size. (Intermountain Region, Ogden, Utah.) † A 13.13: B 76
- 14252 Camping & picnicking in Eldorado National Forest. 1969. [5]+23+[2] p. il. (California [region].) † A 13.2: El 2/969
- 14253 Camping & picnicking in Tahoe National Forest. [1969.] [2]+22 p. il. (California [region].) † A 13.2: T 13
- 14254 Christmas tree directory, Oregon and Washington growers, wholesalers and retailers, 1969. [1969.] cover title, [1]+32 p. il. 4° (Pacific Northwest Region.) [Text on p. 2 and page 32 on p. 3 of cover.] † A 13.2: C 46/2/969
- 14255 Cle Elum trail trips on Cle Elum ranger district, Wenatchee National Forest. [1969.] cover title, [1]+11 p. il. (Pacific Northwest Region.) [Text on p. 3 of cover.] † A 13.13: C 58/2
- 14256 Conservation in your life, services to educators. [1968.] cover title, [8] p. il. oblong 24° (California [Region].) [Text on p. 2-4 of cover.] † A 13.2: C 76/16
- 14257 Discussion of grazing management systems and some pertinent literature (abstracts & excerpts) 1895-1966; [compiled by] Wayne C. Hickey, Jr. Denver, Colo., [1969.] [370] p. il. 4° † A 13.2: G 79/13/895-966
L.C. card 70-603535

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14258 Dividends from wood research, recent publications of Forest Products Laboratory, Jan. 1-June 30, 1969. [1969.] cover title, 12 p. il. narrow 8° †
A 13.27/7: W 85/15/969
[Equipment development & test report] ED&T (series). ‡
A 13.49/4: (nos.)
- 14259 923. Equip tips: Bracket for light helicopter cargo hooks. July 1969. 2 p. il. 4° (Equipment Development Center, San Dimas, Calif.)
- 14260 1423. Equip tips: Faucets for recreation sites. Feb. 1969. 4 p. il. 4° (San Dimas Equipment Development Center.) [Issued with perforations.]
- 14261 1701. Equip tips: Air-to-ground warning device. July 1969. 3 p. il. 4° (Equipment Development Center, San Dimas, Calif.)
- 14262 Flaming Gorge National Recreation area. [1969.] 1 sheet (with map on verso) il. oblong f° folded into narrow large 8° size. (Ashley National Forest.) [Prepared in cooperation with Reclamation Bureau, Interior Dept. Map and illustrations are colored.] †
A 13.13: F 61/3
Forest pest leaflet.
- 14263 44. Brown-spot needle blight of longleaf pine [with list of references]; by Paul C. Lightle. Apr. 1960, slightly revised July 1969. [1969.] 7 p. il. †
● Item 82-A
A 13.52: 44/2
- 14264 Grazing values on undisturbed chaparral versus areas converted to grass, Tonto Springs Range; by Floyd W. Pond. [1969.] [2] + 14 p. il. oblong 24° (Rocky Mountain Forest and Range Experiment Station.) †
A 13.69/2: G 79
- 14265 Guide to forest of ancient bristlecone pines, Inyo National Forest, Calif. 1969. 1 sheet (map on verso) f°, folded into narrow 8° size. †
A 13.13: In 8/969
- 14266 1968 Hemlock looper project, Mt. Baker National Forest, Wash. [with bibliography]; by Jack Mounts, Leon F. Pettinger, John Wortendyke. June 1969. [3] + 23 p. il. 4. (Insect and Disease Control Branch, Division of Timber Management, Pacific Northwest Region.) †
A 13.2: H 37/968
- 14267 Intensive culture of Douglas fir. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Forestry Sciences Laboratory, Olympia, Wash.) †
A 13.66/2: D 74/3
- 14268 Kanikou National Forest, Priest Lake recreation area. [1969.] 1 sheet (with map on verso.) il. f° folded into 8° size. †
A 13.13: P 93
- 14269 Management direction, wilderness and primary recreation zones of National Forests in Oregon Cascades. [1969.] [1] + lii + 42 p. il. 1 map in pocket, 4° (Pacific Northwest Region.) [Map is colored.] †
A 13.2: M 31/7
- 14270 Map of vehicle control area and rules for vehicle use in this area of Eldorado National Forest. May 1, 1969. 1 sheet, (with map on verso), il. f°, folded into 4° size. †
A 13.13: El 8/4
- 14271 Mt. St. Helens-Spirit Lake, Gifford Pinchot National Forest. [1969.] [2] p. il. oblong f°, folded into narrow 8° size. ([Pacific Northwest Region.]) [One illustration is colored.] †
A 13.13: M 86 sa
- 14272 National forests in Colorado. [1969.] [24] p. il. (Rocky Mountain Region.) †
A 13.2: C 71/3
- 14273 National forests in profile, 1968 yearbook, Intermountain Region, Forest Service, Department of Agriculture, Ogden, Utah. [1969.] cover title, [24] p. il. 4. †
L.C. card 63-60296
A 13.57: 968
- 14274 National forests in Wyoming. [1969.] [20] p. il. (Rocky Mountain & Intermountain Regions.) †
A 13.2: W 99
- 14275 Ochoco National Forest and Crooked River National Grassland. [1969.] [2] p. il. oblong f° folded into narrow 8° size. ([Pacific Northwest Region.]) [Some illustrations are colored.] †
A 13.13: Oc 3/2/969
- 14276 Olympic National Forest, 1968. [Olympia, Wash., 1969.] cover title, [16] p. il. 4° [Text on p. 2-4 of cover.] †
A 13.13/2: Ol 9/968

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 49

GOVERNMENT PUBLICATIONS

- 14277 Public campgrounds on San Bernardino National Forest, general information. Apr. 1, 1969. [8] p. 4° ‡ A 13.2: Sa 5 b
- 14278 Range ecology and management. [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Range and Wildlife Habitat Laboratory, LaGrande, Oreg.) ‡ A 13.66/2: R 16
- 14279 Range environmental management. [Revised Feb. 1969.] [1969.] [2] p. il. 4° (Pacific Northwest Forest and Range Experiment Station, Range and Wildlife Habitat Laboratory, LaGrande, Oreg.) ‡ A 13.66/2: R 16/2
- 14280 Recreation map, Palisades Reservoir, Caribou Targhee Bridger National Forests. [1967.] 1 sheet (map on verso) il. oblong f° folded into narrow 8° size. ‡ A 13.13: P 17
- Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) ‡ A 13.79: RM-(nos.)
- 14281 RM-138. Aspen grove use by deer, elk, and cattle in southwestern coniferous forests; [by] Hudson G. Reynolds. 1969. 4 p. il. 4°
- 14282 RM-139. Deer and elk use of Ponderosa pine forest in Arizona before and after timber harvest [with list of literature cited; by] David R. Patton. 1969. 7 p. il. 4°
- 14283 RM-140. Selective control of brush on chaparral watersheds with soil-applied fenuron and picloram [with list of literature cited; by] Edwin A. Davis and Charles P. Pase. 1969. 4 p. 4°
- 14284 RM-141. Response of deer to alternate-strip clearcutting of lodgepole pine and spruce-fir timber in Colorado; [by] O. C. Wallmo. 1969. 4 p. il. 4°
- 14285 RM-142. Assimilation chamber for outdoor measurements of photosynthesis of tree seedlings; [by] Frank Ronco. 1969. 4 p. il. 4°
- 14286 RM-143. Assimilation chamber for measuring carbon dioxide exchange of tree seedlings in laboratory; [by] Frank Ronco. 1969. 7 p. il. 4°
- 14287 RM-144. Estimating defoliation of Douglas-fir and white fir by western budworm; [by] M. E. McKnight. 1969. 3 p. il. 4°
- 14288 RM-145. In vitro digestibility of alpine forages in Wyoming [with list of literature cited; by] Dixie R. Smith. 1969. 3 p. 4°
- Research paper RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) ‡ A 13.78: RM-(nos.)
- 14289 RM-47. Major insect pests in North Dakota shelterbelts, abundance and distribution by climate and host age [with list of literature cited]; by Patrick C. Kennedy and Louis F. Wilson. 1969. [2]+12+[1] p. il. 4°
- 14290 RM-48. Classification outline for snow on ground [with list of recommended reading]; by R. A. Sommerfeld. 1969. [3]+24 p.+[2] leaves
- 14291 RM-49. Here's how, guide to tree planting in Southwest: [by Gilbert H. Schubert, Robert W. Pearl, and L. J. Heidmann]. [1969.] cover title, [14] p. il. [Text on p. 2-3 of cover.]
- 14292 Snoqualmie National Forest, 1968 letter to stockholders. [1969.] cover title, 24 p. il. 4° [Text on p. 2 and 3 of cover.] ‡ A 13.13/2: Sn 5/968
- 14293 Starting a community forest, Revised 1968. [1969.] 4 p. 4° ‡ A 13.2: C 73/13
- 14294 Suggestions for integrating forestry in modern curriculum. [Revised Sept. 1968.] [1969.] [4] p. 4° (FS-62; Conservation teaching aid.) ‡ A 13.72: C 93
- 14295 Surveillance report, 1965 Burns Project, Douglas-fir tussock moth control [Malheur and Ochoco National Forests]; by Glenn L. Crouch and Randall F. Perkins. Aug. 1968. [3]+20 p. il. 4° (Insect and Disease Control Branch, Division of Timber Management, Pacific Northwest Region.) ‡ A 13.2: D 74/3/965
- 14296 Thinning program for Malheur National Forest, proposed pre-commercial thinning program with discussion of costs and benefits [with bibliography; by] Randall F. Perkins, Ernest B. Wright, jr. Nov. 1967. [1]+11+13 p. il. 4° (Pacific Northwest Region.) [Page 13 on p. 3 of cover.] ‡ A 13.2: T 84/3
- 14297 Wheeler Peak scenic area, Humboldt National Forest. [1968.] 1 sheet (with map on verso.) il. oblong f° folded into narrow large 8° size. (Intermountain Region, Ogden, Utah.) ‡ A 13.13: W 56
- 14298 1968 wildfire statistics [calendar year 1968]; prepared by Division of Cooperative Forest Fire Control. [1969.] vi+48 p. il. 4° ‡ A 13.32/2: 968
L.C. card 78-603757

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14299 Willamette 1968, national forest and national wilderness preservation system, annual public report of Willamette National Forest; [by Samuel T. Frear]. [1969.] cover title, 24 p. il. 4° [Text, other illustrations, and a map on p. 1-4 of cover.] †
A 13.13/2: W 66/968
- 14300 The year 1968 on Mendocino National Forest. [1969.] cover title [16] p. il. 4° (California Region.) [Text on p. 2-4 of cover.] †
A 13.13/2: M 52/968

GENERAL ACCOUNTING OFFICE Washington, DC 20548

- 14301 Annual report of Comptroller General of United States, fiscal year 1968. 1968. xi+383 p. il. [Also issued as H. doc. 14, 91st Congress, 1st session. Document notation appears on title page in error.] * Paper, \$1.75.
● Item 543
L.C. card 22-27353
GA 1.1: 968
- 14302 GAO manual for guidance of Federal agencies [titles 1-9]. [Issued in looseleaf form.] * Paper, \$20.00 (including basic manual and supplementary service); \$5.00 additional for foreign mailing.
title 6. Pay, leave, and allowances, transmittal sheet 6-26; May 15, 1969. [1969.] 1 p.
GA 1.6/10: 957/trans.6-26
- 14303 List of GAO publications, v. 3, no. 1. July 1969. [1969.] cover title, 35 p. [Text on 2 p. of cover.] †
GA 1.16/2: 3/1
- 14304 Report to Congress: Administration and effectiveness of Economic Opportunity Loan Program for low-income rural families under Farmers Home Administration, Department of Agriculture; by Comptroller General of United States. Aug. 21, 1969. cover title, [8]+78 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 70-603421
GA 1.13: Ad 6/5
- 14305 — Agency for International Development loan program financial activities, status as of June 30, 1968; by Comptroller General of the United States. Sept. 11, 1969. cover title, [8]+68 p. il. 4° (B-133220.) † Paper, \$1.00.
L.C. card 73-603623
GA 1.13: In 8/9
- 14306 — Cessation of unauthorized payments of proficiency pay and variable reenlistment bonuses to candidates in officer training programs, Department of Defense; by Comptroller General of United States. Aug. 6, 1969. cover title, [6]+27 p. 4° (B-160096.) † Paper, \$1.00.
L.C. card 73-603422
GA 1.13: P 29/23
- 14307 — Effectiveness and administration of Community Action Program under title 2 of Economic opportunity act of 1964, Human Development Corporation, St. Louis City and St. Louis County, Mo., Office of Economic Opportunity; by Comptroller General of United States. Aug. 11, 1969. cover title, [10]+130 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 77-603423
GA 1.13: Sa 2/12
- 14308 — Effectiveness and administration of Community Action Program under title 2 of Economic opportunity act of 1964, Lake County, Inc., Office of Economic Opportunity; by Comptroller General of United States. Aug. 1, 1969. cover title, [9]+96 p. 4° (B-130515.) † Paper, \$1.00.
L.S. card 70-603054
GA 1.13: L 14
- 14309 — Effectiveness and administration of migrant and seasonal farmworkers program under title 3-B of Economic opportunity act of 1964, Phoenix, Ariz., Office of Economic Opportunity; by Comptroller General of United States. Aug. 26, 1969. cover title, [9]+76 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 70-603424
GA 1.13: P 56/7

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14310 Report to Congress: Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Gary, Ind., Department of Labor; by Comptroller General of United States. Sept. 5, 1969. cover title, [10]+109 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 74-603425 GA 1.13: G 19
- 14311 — Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Gila River Indian Reservation and Pinal County, Ariz., Department of Labor; by Comptroller General of United States. Sept. 4, 1969. cover title, [10]+99 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 78-603426 GA 1.13: G 37/3
- 14312 — Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Kansas City, Mo., Department of Labor; by Comptroller General of United States. Sept. 5, 1969. cover title, [9]+80 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 74-603547 GA 1.13: K 13/2
- 14313 — Effectiveness and administrative efficiency of Neighborhood Youth Corps program under title IB of Economic opportunity act of 1964, Maricopa County, with emphasis on Phoenix, Ariz., Department of Labor; by Comptroller General of United States. Sept. 11, 1969. cover title, [9]+85 p. 4° (B-130515.) † Paper, \$1.00.
L.C. card 78-603556 GA 1.13: M 33/2
- 14314 — Effectiveness in meeting supply requirements of overseas U.S. agencies, General Services Administration; by Comptroller General of United States. Aug. 15, 1969. cover title, [7]+52 p. 4° (B-114807.) † Paper, \$1.00.
L.C. card 71-603427 GA 1.13: Su 7/25
- 14315 — Enforcement of sanitary, facility, and moisture requirements at federally inspected poultry plants, Consumer and Marketing Service, Department of Agriculture; by Comptroller General of United States. Sept. 10, 1969. cover title, [7]+35 p. 4° (B-163450.) † Paper, \$1.00.
L.C. card 75-603428 GA 1.13: Sa 5
- 14316 — Examination of financial statements of Federal Home Loan Bank Board for year ended Dec. 31, 1968; by Comptroller General of United States. Sept. 5, 1969. cover title, [5]+23 p. 4° (B-114827.) † Paper, \$1.00.
L.C. card 66-62274 GA 1.13: F 31/19/968
- 14317 — Examination of financial statements of Federal Home Loan Banks, supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1968; by Comptroller General of United States. Aug. 17, 1969. cover title, 3 leaves+16 p. 4° (B-114827.) † Paper, \$1.00.
L.C. card 66-62274 GA 1.13: F 31/18/968
- 14318 — Examination of financial statements Federal Housing Administration fiscal year 1968, Department of Housing and Urban Development; by Comptroller General of United States. Sept. 9, 1969. cover title, [6]+39 p. 4° (B-114860.) † Paper, \$1.00.
L.C. card 66-60882 GA 1.13: F 31/17/968
- 14319 — Improvements made in medical care cost accounting system of Veterans Administration; by Comptroller General of United States. Aug. 5, 1969. cover title, [6]+24 p. 4° (B-61930.) † Paper, \$1.00.
L.C. card 72-603446 GA 1.13: M 46/12
- 14320 — Management of suggestion award portion of incentive awards program, Department of Army; by Comptroller General of United States. Aug. 27, 1969. cover title, [8]+35 p. 4° (B-166802.) † Paper, \$1.00.
L.C. card 79-603429 GA 1.13: Su 3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14321 — Opportunities for increased savings by improving management of value engineering (design or manufacture simplification) performed by contractors, Department of Defense; by Comptroller General of United States. Aug. 25, 1969. cover title, [6]+47 p. il. 4° (B-165757.) † Paper, \$1.00.
L.C. card 76-603447 GA 1.13: V 24/3
- 14322 — Opportunity for geological survey to increase revenues through changes in its map-pricing practices. Department of Interior, Bureau of Budget; by Comptroller General of United States. Sept. 3, 1969. cover title, [5]+23 p. 4° (B-118678.) † Paper, \$1.00.
L.C. card 70-603448 GA 1.13: G 29/3
- 14323 — Overseas dependents school system in European area, Department of Defense; by Comptroller General of United States. Sept. 4, 1969. cover title, [6]+46 p. 4° (B-131587.) † Paper, \$1.00.
L.C. card 73-603449 GA 1.13: Sch 6/4
- 14324 — Potential for savings by reduction of aircraft engine procurement, Department of Navy, Department of Air Force; by Comptroller General of United States. Sept. 9, 1969. cover title, [5]+30 p. il. 4° (B-132989.) † Paper, \$1.00.
L.C. card 78-603450 GA 1.13: En 3/13

GENERAL SERVICES ADMINISTRATION Washington, DC 20405

- 14325 Guide to specifications and standards of Federal Government. [1969.] cover title, iii+24 p. il. †
L.C. card 67-60671 GS 1.6/6: Sp 3/969

GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, DC 20240

- Gazeteers. I 33.8: (nos.)
- 14326 108. Spanish Sahara, official standard names approved by Board on Geographic Names; prepared by Geographic Names Division, Army Topographic Command. June 1969. [2]+v+52 p. il. oblong 8° † Army Topographic Command, 6500 Brooks Lane, Washington, DC 20315, Attn.: Geographic Names Division. 13600. • Item 617
L.C. card 77-603458
- 14327 109. Mozambique, official standard names approved by Board on Geographic Names; prepared by Geographic Names Division, U.S. Topographic Command. June 1969. [2]+iv+505 p. il. oblong 8° † Army Topographic Command, 6500 Brooks Lane, Washington, DC 20315, Attn.: Geographic Names Division. 13600
L.C. card 75-603590

GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

- Bulletins. • Item 620 I 19.3: (nos.)
- 14328 1261-E. Mineral resources of Blue Range primitive area, Greenlee County, Ariz. and Catron County, N.M. [with list of references cited], by James C. Ratte [and others]; with section on Aeromagnetic interpretation, by Gordon P. Eaton. 1969. vi+91 p. il. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness-primitive areas.] * Paper, \$1.00.
- 14329 1261-F. Mineral resources of San Juan primitive area, Colo. [with list of references cited], by T. A. Steven [and others]; with section on Iron resources in Irving Formation, by Jacob E. Gair and Harry Klemic. 1969. viii+187 p. il. 2 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness, primitive areas.] * Paper, \$1.75.
- 14330 1262. General and engineering geology of northern part of Pueblo, Colo. [with list of references cited]; by Glenn R. Scott. 1969. vi+131 p. il. 2 pl. 1 is in pocket. [Description of geology of bedrock and surficial deposits in and near Pueblo, Colo. Engineering behavior of rocks is summarized at end of report.] † Paper, \$1.75.
L.C. card 77-603490
- 14331 1271-C. Geology of Bear Peak area, Dona Ana County, N. Mex. [with selected bibliography]; by George O. Bachman and Donald A. Myers. 1969. iv+46 p. il. 1 pl. in pocket. [Study of southern part of San Andres Mountains, with emphasis on Paleozoic stratigraphy. Contributions to general geology.] Plate is colored.] * Paper, \$1.00.

•For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

Page 53

GOVERNMENT PUBLICATIONS

Bulletins—Continued

- 14332 1272-F. Gold investigations in Precambrian elastic and pelitic rocks, south-western Colorado and northern New Mexico [with list of references cited]; by Fred Barker. 1969. iii+22+[3] p. il. [Contributions to economic geology. Includes title page and table of contents to Bulletin 1272.] * Paper, 25c.
 - 14333 1279. Use of seismic intensity data to predict effect of earthquakes and underground nuclear explosions in various geologic settings [with list of references cited]; by Patrick J. Barosh. 1969. v+93 p. il. [Prepared on behalf of Atomic Energy Commission. Summary of various factors that determine effects of seismic disturbance at particular location and their utilization in predicting these effects.] * Paper, 45c.
L.C. card 77-601453
 - 14334 1292. Geologic story of Mount Rainier, a look at the geologic past of one of America's most scenic volcanoes [with list of publications for further reading in geology]; by Dwight R. Crandell. vi+43 p. il. [Some illustrations are colored.] * Paper, 65c.
L.C. card 79-601704
 - 14335 1312-G. Lead isotope guides for Mississippi Valley lead-zinc exploration [with list of references cited]; by Ralph S. Cannon, Jr., and Arthur P. Pierce. 1969. iv+20 p. il. [Review of correlations of isotopic compositions of ore-lead and tonnages of known ore in Mississippi Valley lead-zinc deposits. Contributions to economic geology.] * Paper, 20c.
 - 14336 Characteristics of streamflow in Colville River basin, Stevens County, Wash. [with list of selected references]; by Walter R. Scott. Tacoma, Wash., 1969. [1]+iii+31 p. il. 4° (Water Resources Division.) [Prepared in cooperation with Public Utilities District no. 1 of Stevens County. Open-file report.] ‡ I 19.2: C 72/4
- Circular.
- 14337 529-B. Movement of solute in Potomac River estuary at Washington, D.C. at low inflow conditions [with list of references]; by James F. Wilson, Jr., Ernest D. Cobb, and Nobuhiro Yotsukura. 1969. iv+14 p. il. 1 pl. in pocket 4° † ● Item 620-A I 19.4/2: 529-B
 - 14338 Compilation of hydrologic data: Calaveras Creek, San Antonio River basin, Tex., 1967. [1968.] iii+47 leaves il. 4° (Water Resources Division, [Texas District].) [Prepared in cooperation with Texas Water Development Board, San Antonio River Authority, and U.S. Soil Conservation Service.] † U.S. Geological Survey, Water Resources Division, Federal Building, 300 East 8th Street, Austin, TX 78701
I 19.58: C 12/967
 - 14339 — Escondido Creek, San Antonio River basin, Tex., 1967. [1969.] iii+73 leaves, il. 4° (Water Resources Division, Texas district.) [Prepared in cooperation with San Antonio River Authority, Soil Conservation Service, and Texas Water Development Board.] ‡ I 19.58: Es 1/967
 - 14340 — Little Elm Creek, Trinity River basin, Tex., 1967. [1969.] iv+81 leaves, il. 4° (Water Resources Division, Texas district.) [Prepared in cooperation with City of Dallas and Texas Water Development Board.] ‡ I 19.58: L 72/967
 - 14341 Intern-training opportunities provided by U.S. Geological Survey for scientists and technicians from other countries; compiled by International Activities Committee, United States Geological Survey. [1969.] [1]+i+54 p. 4° ([Project report D.C. Investigations (IR) DC-8.]) ‡ I 19.2: In 8
 - 14342 John Wesley Powell, soldier, explorer, scientist [with list of selected references]. [1969.] 24 p. il. † ● Item 621 I 19.2: P 87/2
L.C. card 71-603443
 - 14343 Preliminary evaluation of corrosion and encrustation mechanisms in tube wells of Indus plains, west Pakistan [with list of references]; by Frank E. Clarke and Ivan Barnes. Lahore, West Pakistan, July 1964. vi+81+3 p. il. 4° [Open file report. Prepared in cooperation with West Pakistan Water and Power Development Authority under auspices of United States Agency for International Development mission to Pakistan.] ‡ I 19.2: In 2/3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14344 Preliminary study of water-well corrosion, Chad Basin, Nigeria [with list of references]; by Frank E. Clarke and Ivan Barnes. July 1965. iv+36+[1] p. il. 4° [Prepared in cooperation with Geological Survey of Nigeria under auspices of Agency for International Development. Open file report.] ‡ I 19.2: N 56/3

Professional papers. • Item 624

I 19.16: (nos.)

- 14345 437-B. Land subsidence due to ground-water withdrawal, Tulare-Wasco area, Calif. [with list of references cited]; by B. E. Lofgren and R. L. Klausung. 1969. vii+103 p. il. 4° [Prepared in cooperation with California Department of Water Resources. Study of land subsidence caused by water-level changes in complex aquifer systems, including analysis of stresses and appraisal of parameters for estimating subsidence. Studies of land subsidence.] * Paper, \$1.25.
- 14346 542-G. Effects of earthquake of Mar. 27, 1964 on various communities [with list of references cited]; by George Plafker [and others]. [1969.] vi+50+[3] p. il. 4° [Description of damage, principally from waves, vertical tectonic movements, and seismic vibration, to inhabited places throughout earthquake-affected part of Alaska. Alaska earthquake, Mar. 27, 1964, effects on communities. Includes title page and table of contents to Professional paper 542.] * Paper, \$2.00.
- 14347 604. On batholiths and volcanoes, intrusion and eruption of late Cenozoic magmas in Glacier Peak area, North Cascades, Wash. [with list of references cited]; by R. W. Tabor and D. F. Crowder. 1969. vii+87 p. il. 1 pl. in pocket, 4° [Description of Cloudy Pass batholith, overlying Gamma Ridge volcanic rocks, and still younger Glacier Peak volcano with discussion of source magmas, their genetic ties, and structures controlling their emplacement and eruption. Plate is colored.] * Paper, \$1.75. L.C. card 78-603548
- 14348 611. Foraminifera and stratigraphy of upper part of Pierre shale and lower part of Fox Hills sandstone (Cretaceous), north-central South Dakota [with list of references cited]; by James F. Mello. 1969. iv+121+[2] p. il. 11 pl. 4° [Description, illustration, and interpretation of Late Cretaceous foraminiferal faunas of parts of Pierre shale and Fox Hills sandstone, and discussion of stratigraphy of these lithologic units.] * Paper, \$2.25. L.C. card 75-603460
- 14349 616. Geology of Empire quadrangle, Grand, Gilpin, and Clear Creek Counties, Colo. [with list of references]; by William A. Braddock. 1969. iv+56 p. il. 3 pl. in pocket, 4° [One plate is colored.] * Paper, \$1.75. L.C. card 78-650226
- 14350 625-A. Distribution of gold and other metals in Cripple Creek district, Colo. [with list of references cited]; by Garland B. Gott [and others]. 1969. 17 p. il. 4° 2 pl. in pocket [Northwest-trending geochemical anomalies in surface rocks of Cripple Creek district are favorable areas for exploration for large low-grade gold deposits. Shorter contributions to economic geology.] * Paper, \$1.00.
- 14351 634. Diagenesis of tuffs in Baretow Formation, Mud Hills, San Bernardino County, Calif. [with list of references]; by Richard A. Sheppard and Arthur J. Gude. 3d. 1969. iv+35 p. il. 4° [Physical properties, chemistry, and origin of silicate minerals former in silicic tuffs of lacustrine deposit.] * Paper, 50c. L.C. card 79-650237
- 14352 650-C. Geological Survey research 1969, chap. C [papers, with lists of references]. 1969. v+247 p. il. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] * Paper, \$3.00. L.C. card 68-46150
- 14353 680-D. Electrical resistivity measurements, Midway and Kure Atolls [with list of references cited]; by George V. Keller. 1969. iii+8 p. il. 4° [Electrical resistivity measurements are used to estimate porosity of reef sediments at various depths. Geology of Midway area, Hawaiian Islands.] * Paper, 25c.
- 14354 Quality of shallow ground water in Rincon and Mesilla Valleys, N. Mex. and Tex.; J. A. Basler and L. J. Alary. Aug. 1968. 30 leaves il. 4° [Prepared in cooperation with New Mexico State Engineer.] ‡ I 19.2: R 47
- 14355 Records of observation wells and water-level fluctuations in Aberdeen-Springfield area, Bingham and Power Counties, Idaho, in 1966; by H. G. Sisco and R. L. Whitehead. Boise, Idaho, June 1967. iii+27+16 leaves, il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Idaho Department of Reclamation and Water District 36. Includes list of other reports in this series.] ‡ I 19.2: W 46/7/966

•For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 55

GOVERNMENT PUBLICATIONS

- 14356 References for well data and water levels in California by Geological Survey [with list of References for well data and water levels]; compiled by J. S. Bader. Menlo Park, Calif., Feb. 12, 1969. 13 p. il. 4° (Water Resources Division.) [Basic-data compilation. Prepared in cooperation with California Department of Water Resources.] ‡ I 19.2: W 46/9
- 14357 Selection of metal components for long-term development of Egypt's corrosive ground waters [with list of references]; by Frank E. Clarke. July 1964. iv+39 p. il. 4° [Prepared in cooperation with Egyptian General Desert Organization under auspices of Agency for International Development, Mission to United Arab Republic. Open file report.] ‡ I 19.2: Eg 9
- 14358 Some hydrologic effects of Canal 111 near Homestead, Fla. [with list of references]; by Harry H. Barnes, jr., Frederick W. Meyer, and James H. Hartwell. Tallahassee, Fla., 1968. cover title, 17 leaves, il. 4° [Prepared by United States Geological Survey in cooperation with National Park Service and Corps of Engineers.] ‡ I 19.2: H 75
- 14359 Test wells in Post Area, White Sands Missile Range, Dona Ana County, N. Mex. [with list of references cited]; by Gene C. Doty. June 1968. 50 leaves, il. 16 pl. in pocket, 4° (Water Resources Division.) [Prepared in cooperation with U.S. Army, White Sands Missile Range, N. Mex. Open-file report.] ‡ I 19.2: W 58/2
- 14360 U.S. Geological Survey tracer study, Amargosa Desert, Nye County, Nev.: pt. 1, Exploratory drilling, tracer well construction and testing, and preliminary findings [with list of references]; by Richard H. Johnston. 1968. [I]+iv+64 p. il. 4° [Prepared in cooperation with Atomic Energy Commission. Open-file report.] ‡ I 19.2: Am 1/2/pt.1
- 14361 Utah basic-data release no. 16, Selected hydrologic data, Southern Utah and Goshen Valleys, Utah; by R. M. Cordova. 1969. iii+35 p. il. 1 pl. in pocket 4° [Prepared in cooperation with Utah Department of Natural Resources, Division of Water Rights, Salt Lake City, Utah. Text on p. 2 of cover.] ‡ I 19.2: Ut 1/no.16
- 14362 Water resources data for Florida, 1966: pt. 1, Surface water records, v. 2, Streams-southern Florida, Lake Okeechobee and Everglades. [1968.] cover title, viii+226 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Florida and with other agencies.] ‡ District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304 L.C. card 67-65945 I 19.53/2: F 66/966/pt.1/v.2
- 14363 Water resources data for Florida, 1967: pt. 1, Surface water records, v. 1, streams, northern and central Florida. [1968.] xi+299 p. il. 4° [Prepared in cooperation with State of Florida and with other agencies.] ‡ District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304 L.C. card 67-65945 I 19.53/2: F 66/967/pt.1/v.1
- 14364 Water resources data for Florida, 1967: pt. 1, Surface water records, v. 3, Lakes. [1968.] cover title, ix+144 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with State of Florida and with other agencies.] ‡ District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304 L.C. card 67-65945 I 19.53/2: F 66/967/pt.1/v.3
- 14365 Water resources data for Florida, 1967: pt. 2, Water quality records. [1968.] vii+313 p. il. 4° [Prepared in cooperation with State of Florida and with other agencies.] ‡ District Chief, Water Resources Division, U.S. Geological Survey, P.O. Box 2315, Tallahassee, FL 32304 L.C. card 67-65945 I 19.53/2: F 66/967/pt.2

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

- 14366 Water resources data for Montana, 1968: pt. 1, Surface water records. [1968.] cover title, ix+271 p. il. 1 map. 4" ([Water Resources Division.]) [Prepared in cooperation with State of Montana and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 421 Federal Building, Helena, MT 59601
L.C. card 68-60744 I 19.53/2: M 76/968/pt.1
- 14367 Water resources data for Nebraska, 1968: pt. 1, Surface water records. [1969.] x+224 p. 2 maps 4" (Water Resources Division.) [Prepared in cooperation with Nebraska Department of Water Resources and with other State and Federal agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 127 Nebraska Hall, 801 North 17th Street, Lincoln, NB 68508
L.C. card 68-60775 I 19.53/2: N 27/968/pt.1
- 14368 Water resources data for New Jersey, 1968: pt. 1, Surface water records. [1969.] x+143 p. il. 4" (Water Resources Division.) [Prepared in cooperation with State of New Jersey and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 420 Federal Building, P.O. Box 1238, Trenton, NJ 08607
L.C. card 70-603649 I 19.53/2: N 42 j/968/pt.1
- 14369 Water resources data for New Mexico, 1968: pt. 1, Surface water records. [1969.] cover title, ix+271 p. il. 4" ([Water Resources Division.]) [Prepared in cooperation with State of New Mexico and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, P. O. Box 4369, Albuquerque, NM 87106
L.C. card 68-60776 I 19.53/2: N 42 m/968/pt.1
- 14370 Water resources data for North Dakota, 1968: pt. 1, Surface water records. [1969.] cover title, ix+172 p. il. 4" ([Water Resources Division.]) [Prepared in cooperation with State of North Dakota and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, Room 348, Federal Building, Bismarck, ND 58501
L.C. card 68-60777 I 19.53/2: N 81 d/968/pt.1
- Water supply papers. • Item 625 I 19.13: (nos.)
- 14371 1535-O. Water load of uranium, radium, and gross beta activity at selected gaging stations, water year 1960-61 [with list of references cited]; by E. C. Mallory, Jr., J. O. Johnson, and R. C. Scott. 1969. iii+81 p. il. 1 map in pocket. [Contribution to International Hydrological Decade. Geochemistry of water.] * Paper, 65c.
- 14372 1877. Feasibility study of use of acoustic velocity meter for measurement of net outflow from Sacramento-San Joaquin delta in Calif. [with list of references cited]; by Winchell Smith. 1969. vi+54 p. il. [Prepared in cooperation with California Department of Water Resources and Army Corps of Engineers.] * Paper, 40c.
L.C. card 71-650227
- 14373 1879-E. Variations in low-water streambed elevations at selected stream-gaging stations in northwestern California; by John J. Eickey. 1969. iii+33 p. il. 1 pl. in pocket. [Prepared in cooperation with California Department of Water Resources. Contributions to hydrology of United States.] * Paper, 60c.
- 14374 1879-H. Water quality and discharge of streams in Lehigh River basin, Pa. [with list of references]; by Edward F. McCarren and Walter B. Keighton. 1969. iv+48+[3] p. il. [Prepared in cooperation with Commonwealth of Pennsylvania Department of Forests and Waters. Contributions to hydrology of United States. Includes title page and contents of water-supply paper 1879.] * Paper, 35c.
- 14375 1919. Surface-water supply of United States, 1961-65, pt. 6, Missouri River basin, v. 4, Missouri River basin below Nebraska City, Nebr. 1969. ix+805 p. il. 1 pl. in pocket. [Prepared in cooperation with States of Colorado, Iowa, Kansas, Missouri and Nebraska, and with other agencies.] * Paper, \$3.75.
L.C. card 46-40712
- 14376 1956. Quality of surface waters of United States, 1964: pts. 5 and 6, Hudson Bay and upper Mississippi River basins and Missouri River basin [with list of literature cited.] 1969. xi+462 p. il. [Prepared in cooperation with States of Colorado, Illinois, Iowa, Kansas, Missouri, Minnesota, Montana, Nebraska, South Dakota, Wisconsin, and Wyoming, and with other agencies.] * Paper, \$2.00.
L.C. card GS 43-68

*For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Water supply papers—Continued

- 14377 1976. Ground-water levels in United States, 1962-66, north-central States: prepared under direction of C. L. McGuinness. 1969. v+117 p. il. [Prepared in cooperation with States of Iowa, Kansas, Minnesota, Nebraska, North Dakota, South Dakota, and Wisconsin, and with other agencies.] * Paper, 55c.
L.C. card GS 60-161

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- 14378 Bibliography on early childhood. July 30, 1969. [1]+16+[1] p. 4° (Office of Child Development, Project Head Start.) † ● Item 444-B
L.C. card 74-603693 FS 1.18: C 43
- 14379 Career development, selected references; compiled by Dorothy M. Jones and Laura A. Miles. [2d edition], revised Aug. 1968. 1968. cover title, [6]+34 p. 4° (Division of Career Development.) ‡ FS 1.18: C 18/968
- 14380 Personnel qualifications for Medicare personnel. Dec. 1968. [1]+4 leaves +[3]+66 p. 4° ‡ FS 1.2: M 46/7
- 14381 Role of public welfare in housing, report to House Committee on Ways and Means and Senate Committee on Finance. Jan. 1969. cover title, [32] p. il. 4° † ● Item 445
L.C. card 75-603558 FS 1.2: H 81

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 14382 Address by William B. Ross, Acting Assistant Secretary for Mortgage Credit, U.S. Department of Housing and Urban Development, and Acting Commissioner, Federal Housing Administration, before annual convention of National Association of Real Estate Brokers, Inc., St. Louis, Mo., Aug. 19, 1969. [1]+13 p. 4° † SH 1.7: R 733
- 14383 Address prepared for delivery by Floyd H. Hyde, Assistant Secretary for Model Cities and Governmental Relations, Department of Housing and Urban Development, [to] Texas State Governor's Conference on Model Cities Program, Austin, Tex., Aug. 28, 1969. [1]+7 p. 4° † HH 1.7: H 99/2
- 14384 Address prepared for delivery by Samuel J. Simmons, Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development before National Association of Real Estate Brokers, St. Louis, Mo., Aug. 18, 1969. [1]+14 p. 4° † HH 1.7: S1 4
- 14385 Balanced programs for balanced budgets, address by Marie C. McGuire, Assistant for Problems of Elderly and Handicapped, at Michigan Nursing Home Association Convention, Detroit, Mich. June 2, 1969. [1969.] [1]+18 leaves, 4° † HH 1.7: M 17/12
- HUD handbook.
- 14386 RHA 7100.1. Workable program for community improvement. Oct. 1968 [1969.] [41] p. 4° [Issued with perforations. Includes transmittal notices 1 and 2.] † ● Item 582-E HH 1.6/6: RHA 7100.1/rep.
- IP (series). ● Item 582-G HH 1.27: (nos.)
- 14387 32. Home mortgage insurance. [June 1969.] [3]+14 [1] p. narrow 8° †
- 14388 75. Dealer and contractor guide to property improvement loans. [June 1969.] [10] p. narrow 8° * Paper, 10c.
- 14389 108. Nonprofit sponsors of housing for lower income families. [June 1969.] [10] p. narrow 8° †
- 14390 116. Nonmetropolitan district planning assistance. [June 1969.] [8] p. narrow 8° †
- 14391 118. What is relocation all about. [June 1969.] [8] p. narrow 8° †
- 14392 127. Neighborhood facilities program. [June 1969.] [7] p. narrow 8° †

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

MP-(series).

HH 1.28:(nos.)

- 14393 78. Programs of HUD. June 1969. iii+89 p. ‡
 14394 92. Directory of urban transportation research and planning projects, financed by U.S. Department of Housing and Urban Development, HUD [1969.] cover title, [9]+45 p. 4° ([Office of Urban Transportation Planning and Liaison, Division of Systems Research and Development.]) * Paper, 55c. ● Item 582-H
 14395 104. Comparison of 2 techniques for obtaining housing vacancy and turnover data. [June 1969.] cover title, [2]+22+[26] p. 4° ([Contract H-819.]) [Published in cooperation with Center for Real Estate and Urban Economics at University of California, Berkeley.] ‡
 14396 107. Cost and time associated with new multifamily housing construction in New York City. 1969. cover title, [1]+vii+86 p. il. 4° (Office of Urban Technology and Research.) ‡ ● Item 582-H
 14397 State laws enacted in 1968 of interest to Department of Housing and Urban Development, as reported by Commerce Clearing House and other unofficial sources. July 1969. cover title, [1]+122 p. (Office of General Counsel.) ‡ ● Item 583 HH 1.5: St 2/2

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept.
 Washington, DC 20536

- 14398 Supplemental index 1 to v. 12 of Administrative decisions under immigration and nationality laws of United States [for Interim decisions nos. 1901-1966 covering period Aug. 11, 1967-May 1, 1969.] [July 1, 1969.] [1]+6 p. * Paper, 10. J 21.11/3: 12/ind.1

INDIAN AFFAIRS BUREAU, Interior Dept.
 Washington, DC 20240

- 14399 Adult vocational training, approved courses. [Nov. 30, 1968.] cover title, [2]+133 leaves, il. oblong 8° ‡ I 20.2: V 85

INTERIOR DEPARTMENT
 Washington, DC 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 14400 Decisions of Department of Interior, Jan.-Dec. 1968; edited by Vera E. Burgin, Mildred B. Harper. 1969. v. 75, lxvii+475 p. * Cloth, \$3.50. ● Item 602
 L.C. card 7-23651 I 1.69: 75
 14401 Guide to Department of Interior research and development contracts and grants. [1968.] 8 p. il. 4°, folded into narrow 8° size. (Office of Science Adviser, Office of Secretary.) ‡ I 1.77/2: R 31

Native American arts (series).

- 14402 2. Graphic arts of Alaskan Eskimo; [by Dorothy Jean Ray]. [1969.] 88 p. il. 4° (Indian Arts and Crafts Board.) * Paper, \$1.00. ● Item 603-E I 1.84/4: 2
 L.C. card 72-603663

[Saline water] research and development progress reports. (Office of Saline Water.) ● Item 604-A-1 I 1.88:(nos.)

- 14403 309. Continuous counter-current ion exchange removal of calcium from sea water to prevent scaling of distillation equipment, by Chemical Separations Corp, Oak Ridge, Tenn. Nov. 1967 [errata]. [1969.] 1 p. 4° ‡
 14404 450. Report on sea water desalination analytical procedures [with list of references]; by John R. Newton, and M. E. Atkins, Office of Saline Water, Wrightsville Beach Test Facility. May 1969. ix+[1]+183 p. il. 4° * Paper, \$1.25.
 14405 452. Research on plezodialysis; by F. B. Leitz, S. S. Alexander, and A. S. Douglas, Ionics Incorporated, Watertown, Mass. July 1969. iii+147 p. il. 4° (Contract 14-01-0001-611.) * Paper, \$1.25. L.C. card 79-603662
 14406 453. Test of 10,000 GPD reverse osmosis (spiral module) pilot plant, San Diego, Calif. [with list of references]; by R. G. Sudak, Gulf General Atomic Incorporated, San Diego, Calif. [1969.] iv+39 p. il. 4° (Contract 14-01-0001-1264.) * Paper, 50c.
 14407 454. Disposal of brine effluents from inland desalting plants, review and bibliography; [by] G. W. DePuy. July 1969. iv+211 p. il. 4° (Contract 14-01-0001-1306, work order 3.) * Paper, \$1.75. L.C. card 73-603666

*For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 ●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

14408 Sea water conversion, Wrightsville Beach Test Facility, Wrightsville Beach, N.C. [1969.] [8] p. il. (Office of Saline Water.) † ● Item 604-A
I 1.87: W 93/969

14409 Transmission study 190, Steering Committee report, Feb. 1968. [1968.] cover title, [144] p. il. 4° (Reclamation Bureau, Bonneville Power Administration, Southwestern Power Administration.) ‡ I 1.2: T 68

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

- 14410 Description of available forms relating to Alcohol, Tobacco and Firearms Division activities, May 1969. cover title, [2] + 17 p. il. 4° (Publication 480 (Rev. 5-69).) * Paper, 30c. ● Item 956 T 22.2: A1 1/4/969
- 14411 Highlights of 1968 changes in tax law. [1968.] 4 p. 4° (Publication 553 (10-68).) * Paper, \$2.00 per 100; single copy, 5c. T 22.44/2: 553
- 14412 Income tax deduction for taxes. [1968.] 7 p. 4° (Publication 546 (10-68).) * Paper, \$6.00 per 100; single copy, 10c. T 22.44/2: 546
- 14413 Index-digest supplement system: Service 4, Excise taxes, supp. 1, Jan.-June 1969. [1969.] 9 p. 4° (Publication 644.) * Paper, \$1.50 (including basic volume and supplementary material for an indefinite period); 50c additional for foreign mailing. ● Item 960 T 22.25/8: 965-68/supp.1
- 14414 — Service 5, Alcohol, tobacco & firearms, supp. 1, Jan.-June 1969. [1969.] 8 p. 4° (Publication 645.) * Paper, \$2.00 (including basic volume and supplementary material for an indefinite period); 50c additional for foreign mailing. ● Item 960 T 22.25/9: 965-68/supp.1
- 14415 Information on excise taxes for 1969. [1968.] 11 p. 4° (Publication 510 (10-68).) * Paper, \$6.00 per 100; single copy, 10c. T 22.44/2: 510
- 14416 Statistics of income, 1967, preliminary: Business income tax returns [with accounting periods ended mainly Dec. 1967]. [1969.] [2] + ii + 34 p. il. 4° (Publication 453 (7-69).) * Paper, 35c. ● Item 964 T 22.35/3: B 96/967
- 14417 Tax information on deduction for bad debts. [1968.] 8 p. 4° (Publication 548 (10-68).) * Paper, \$6.00 per 100; single copy, 10c. T 22.44/2: 548

INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

Foreign economic trends and their implications for United States, ET (series). * Paper, \$15.00 a yr., \$6.00 additional for foreign mailing.
● Item 231-I C 42.30: (nos.)

- 14418 69-87. Republic of Mali. Aug. 14, 1969. 8 p. 4° [Annual.]
- 14419 69-88. Venezuela. Aug. 22, 1969. 10 p. il. 4° [Semiannual.]
- 14420 69-90. New Zealand. [Aug. 22, 1969.] 15 p. il. 4° (American Embassy, Wellington.) [Semiannual.]
- 14421 69-91. Sierra Leone. Aug. 26, 1969. 8 p. il. 4° (American Embassy, Freetown.) [Annual.]
- 14422 69-92. Canada. Sept. 3, 1969. 10 p. il. 4° (American Embassy, Ottawa.) [Semiannual.]
- 14423 69-94. Belgium. Sept. 5, 1969. 8 p. 4° [Semiannual.]
- 14424 Foreign products available for production in United States under licensee agreements. Aug. 1, 1969. 13 p. 4° (USCOMM-DC.) ‡ C 42.2: F 76/5

INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

- 14425 Rural income and expenditure sample survey of Vietnam, initial report; by Robert H. Stroup. July 1967. [396] p. il. 4° (AID/fe-257.) [Some pages are issued as leaves.] ‡ S 18.2: V 67/6
L.C. card 79-603532
- 14426 U.S. foreign aid and Alliance for progress, proposed fiscal year 1970 program. [1969.] [1] + 77 p. [Excerpt from Agency's program presentation to Congress outlining President's foreign aid request for fy 1970. [Text and map on p. 1-3 of cover.] ‡ S 18.28/a: A1 55

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14427 U.S. foreign aid in Africa, proposed fiscal year 1970 program. [1969.] cover title, 52 p. [Excerpt from Agency's program presentation to Congress outlining President's foreign aid request for fy 1970. Text and map on p. 1-3 of cover.] ‡ S 18.28/a: Af 83
- 14428 U.S. foreign aid in east Asia; proposed fiscal year 1970 program. [1969.] cover title, 39 p. [Text on p. 2-3 of cover.] ‡ S 18.28/a: Ea 7a
- 14429 U.S. foreign aid in Near East and South Asia, proposed fiscal year 1970 program. [1969.] cover title, 32 p. [Excerpt from Agency's program presentation to Congress outlining President's foreign aid request for fy 1970. Text and map on p. 2-3 of cover.] ‡ S 18.28/a: N 27

INTERSTATE COMMERCE COMMISSION Washington, DC 20423

- 14430 Decisions of Interstate Commerce Commission, Apr.-Sept. 1966 (number of older cases included). 1969. xvii+802 p. il. (Interstate Commerce Commission reports, v. 102, Motor carrier cases.) * Cloth, \$5.25. ● Item 688
L.C. card 8-30656 IC 1 mot.8: 102

JUSTICE DEPARTMENT Washington, DC 20530

- 14431 1st annual report of Law Enforcement Assistance Administration, fiscal year 1969. [1969.] vi+66 p. il. 4° * Paper, 65c. ● Item 717-C
L.C. card 77-603675 J 1.1/2: 969
Opinions of Attorney General [Volume 42, Opinion]. * Paper, \$2.00 a volume, 50c. additional for foreign mailing; single copies vary in price.
● Item 718 J 1.5/a: 42/(nos.)
- 14432 35. Validity of executive order authorizing program restricting transfer of capital to foreign countries by substantial investors in U.S. and requiring repatriation by such investors of portions of their foreign earnings and short-term financial assets held abroad. [1969.] 10 p. * Paper, 10c.
- 14433 36. Member of Congress, appointment to civil office prior to pay increase; Jan. 3, 1969. [1969.] 3 p. * Paper, 10c.
- 14434 Report of Attorney General to Congress of United States on administration of Foreign agents registration act of 1938, as amended, for calendar year 1968. [1968.] cover title, [1]+197 p. 4° * Paper, \$1.50. ● Item 719-C
L.C. card 45-36591 J 1.30: 968

LABOR DEPARTMENT Washington, DC 20210

- 14435 ESARS handbook. Sept. 1969. cover title, [2]+163 p. 4° (Manpower Administration.) ‡ ● Item 745-A L 1.7/2: Es 1
- 14436 Guidelines for submission of applications for manpower research institutional grants under Manpower development and training act of 1962, as amended. [1969.] 12+10+[1]+6 p. 4° (Manpower Administration.) ‡ ● Item 745-A L 1.7/2: M 31/3
- 14437 Labor Day, how it came about, what it means. [1969.] [5] p. narrow 8° ‡ L 1.2: L 11/10/969
- 14438 Labor statistics for national decision making, address by Secretary of Labor George P. Shultz to American Statistical Association, Aug. 19, 1969, New York, N.Y. [1969.] 18 p. 4° ‡ L 1.13: Sh 9/6
- 14439 Manpower research institutional grant program, first three years, 1966-69; [prepared by Linda Buss]. [1969.] [3]+43 p. 4° (Manpower Administration; [Office of Manpower Research].) ‡ ● Item 745
L.C. card 70-603673 L 1.2: M 31/43/966-69
- 14440 Manpower technical exchange. (Manpower Administration.) [Biweekly.] ‡ L 1.39/10: (date)
Aug. 15, 1969—

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

MDTA experimental and demonstration findings.

- 14441 4. Job development for hard-to-employ: [byouis Fernan]. June 1968. [1]+iv+119 p. 4° (Manpower Administration.) [Contract 82-24-68-20; Institute of Labor and Industrial Relations, University of Michigan-Wayne State University.] † • Item 746-M L 1.56:4
- 14442 Work incentive program, from welfare to wages. [July 1969 (revised).] [1969.] [8] p. narrow 8° (Manpower Administration.) * Paper, 15c. L 1.2: W 89/7/969
• Item 745

LABOR STANDARDS BUREAU, Labor Dept. Washington, DC 20210

- 14443 Maritime safety data for shipyards: Gas hazards trainer. [1969.] [2]+28 p. il. 4° (MSD LS-9; OOS 2.68.) [Page 28 left blank to be used for notes.] † L 16.47/2: G 21/2/968
- 14444 — Scupper drain attachments to vessels in drydock. [1969.] [1]+ii+14 p. il. 4° (MSD LS-454; OOS-2.68.) † L 16.47/2: Scu 4/968
- 14445 — Shipyard fire and explosion hazards. [1969.] 4 p. il. 4° (MSD LS-36; 2.68.) † L 16.47/2: F 51/968
- Occupational safety aids, Department of Labor safety training programs
OSA LS-(series). • Item 765-G L 16.49: (nos.)
- 14446 [166]. Good housekeeping for successful safety program. [1969.] [8] p. il. 4° (OOS 2.69.) [Series number incorrectly given on title page as 327.] * Paper, 10c. L 16.49: (nos.)
- 14447 175. Safe lifting. [1969.] [8] p. il. 4° (OOS 4.69) * Paper, 15c
- 14448 181. Supervisory responsibility for safety. [1969.] [8] p. il. 4° (OOS 4.69.) * Paper, 10c.
- 14449 323. Development of safety movement. [1969.] [8] p. il. 4° (OOS-2.69) * Paper, 10c.
- 14450 327. Elements of safety program. [1969.] [12] p. il. 4° (OOS-2.69.) * Paper, 15c.

LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210

Bulletins. • Item 768

L 2.3: (nos.)

- 14451 1425-10. Major collective bargaining agreements: Plant movement, transfer, and relocation allowances; [prepared by staff of Division of Industrial Relations, Office of Wages and Industrial Relations]. July 1969. vi+116 p. 4° [Includes list of available Bulletins of 1425 series on major collective bargaining agreements.] * Paper, \$1.25. L.C. card L 65-11
- 14452 1625-69. Area wage survey: Richmond, Va., metropolitan area. Mar. 1969. July 1969. iii+17 p. oblong 8° * Paper, 30c. L.C. card L 66-67
- 14453 1625-70. Area wage survey: Greenville, S.C., metropolitan area, May 1969. July 1969. iii+27 p. oblong 8° * Paper, 35c. L.C. card L 66-153
- 14454 1625-71. Area wage survey: Charleston, W. Va., metropolitan area, Apr. 1969. July 1969. iii+15 p. oblong 8° * Paper, 30c. L.C. card L 66-141
- 14455 1625-72. Area wage survey: Rockford, Ill., metropolitan area, May 1969. Aug. 1969. iii+15 p. oblong 8° * Paper, 30c. L.C. card L 66-145
- 14456 1625-73. Area wage survey: Canton, Ohio, metropolitan area, May 1969. Aug. 1969. iii+15 p. oblong 8° * Paper, 30c. L.C. card L 66-131
- 14457 1626. Industry wage survey: Iron and steel foundries, Nov. 1967 [prepared by Robert G. Bryan]. June 1969. vi+84+[2] p. 4° * Paper, \$1.00. L.C. card L 64-45
- 14458 1627. Employee compensation in private nonfarm economy, 1966; [prepared by John Litsas]. June 1969. vi+54 p. 4° * Paper, 60c. L.C. card 76-603593
- 14459 1628. Summaries of manpower surveys and reports for developing countries, 1958-68 [with list of selected readings; prepared by Evelyn R. Kay]. June 1969. viii+231 p. 4° * Paper, \$1.75. L.C. card 79-603461
- 14460 1630. Handbook of labor statistics 1969 [compiled in Office of Publications]. July 1969. xi+407 p. 4° * Paper, \$3.75. L.C. card L 27-328
- 14461 1631. Planning and administrative personnel in local government, pilot study, June 1969. [1969.] [38] p. 4° * Paper, 45c. L.C. card 76-603455

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14462 Changing patterns of costs and structure in health sector, [address] by Herbert Bienstock, Regional Director, Department of Labor, Bureau of Labor Statistics, 341 9th Ave., New York, N.Y., before New York Academy of Sciences, New York, N.Y., Mar. 28, 1969. [1969.] 15 leaves, 4° † L 2.26: B 47/3
- 14463 Labor conditions and labor organizations in Turkey. [Aug. 1969.] [1]+11 p. il. 4° [Issued with perforations.] † L 2.72/4: T 84
- Monthly labor review reprints.
- 14464 2632. Raising construction costs and anti-inflation policies, report on Western Europe; [by] E. Jay Howenstine. [1969.] 3-10 p. 4° [From June 1969 issue.] † L 2.6/a: 2632
- North central regional reports. † L 2.71/4: (nos.)
- 14465 6. Union contract expirations in north central region, July 1969-70; [prepared by George P. Hunt]. [1969.] cover title, [1]+62 p. 4°
- 14466 7. Occupational trends in sanitary services, warehouses, and stockrooms of northern Illinois [with list of references]. [July 1969.] cover title, [3] leaves+28 p. il. 4°
- 14467 Occupational earnings and wage trends in metropolitan areas, 1968-69, July 1969. 10 p. 4° (No. 2 of 3 (30 areas).) † L 2.86: 968-69/no.2
- Regional reports. (Middle Atlantic Regional Office.)
- 14468 12. Charting New York City economy; graphic summary of recent economic trends. May 1969. cover title, [3]+28 p. il. oblong 8° † L 2.71/6: 12
- 14469 [This entry number not used.]
- 14470 Some aspects of changing patterns of work and workers in new urban environment. [1969.] [1]+29 p. il. 4° (Middle Atlantic Region.) † L 2.92: W 89
- 14471 Some background material relating to food prices and living costs. May 1969. [1]+8 p. il. 4° [Prepared for presentation before hearings at New York City Department of Consumer Affairs, May 26, 1969.] † L 2.92: F 73
- 14472 Some facts relating to dimension of urban poverty. Apr. 1969. [1]+11 p. il. 4° (Middle Atlantic Region.) † L 2.92: P 86
- 14473 Some facts relating to economic climate for collective bargaining, for presentation by Alan E. Gould, Community Services Coordinator, Seminar on Emerging characteristics of collective bargaining, 1969, sponsored by Fairleigh Dickinson University, College of Business Administration and Federal Mediation and Conciliation Service, Madison Campus, N.J., Apr. 10, 1969. [1969.] [1]+23 p. il. 4° (Middle Atlantic Region.) † L 2.92: C 68
- 14474 Some facts relating to employment, unemployment, and living conditions in New York [charts and tables]. New York, N.Y. June 1969. [6] p. il. narrow large 8° † L 2.92: N 42 y/3/969-2
- 14475 Some facts relating to job situation in New York [charts and tables], Dec. 18, 1967. [1968.] [1]+29 p. il. 4° (Middle Atlantic Regional Office.) † L 2.92: N 42 y/967
- 14476 Some facts relating to job situation in New York [charts and tables], for presentation by Samuel M. Ehrenhalt, Assistant Regional Directors, at South Bronx Community Corporation, Bronx, N.Y., Apr. 4, 1968. [1968.] [1]+31 p. il. 4° (Middle Atlantic Regional Office.) † L 2.92: N 42 y/968-2
- 14477 Some facts relating to job trends in New York City [charts and tables], for presentation by Samuel M. Ehrenhalt, Assistant Regional Director, at Cornell University, New York State School of Industrial and Labor Relations, New York, N.Y., Mar. 12, 1968. [1968.] [1]+31 p. il. 4° (Middle Atlantic Region.) † L 2.92: N 42 y/4
- 14478 Some facts relating to occupational outlook in late 1960's. Mar. 1968. [6] p. narrow 4° il. (Middle Atlantic Region.) † Bureau of Labor Statistics, 341 Ninth Ave., New York, N.Y. 10001 L 2.92: Oc 1

‡For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14479 Some facts relating to the Puerto Rican and labor market [charts and tables]. May 1968. [1]+20 p. il. 4° (Middle Atlantic Region.) ‡
L 2.92: P 96
- 14480 U.S. Department of State living quarters allowances. [1969.] 7 p. 4°
[From Labor development abroad, May 1969.] ‡
L 2.32/2 a: L 76/2/969
- 14481 Wage trends for occupational groups in metropolitan areas, Aug. 1967–
Aug. 1968. Aug. 1969. 4 p. 4° ‡
L 2.86/2: 967-68-2

LIBRARY OF CONGRESS Washington, DC 20540

- 14482 Classification, class K, subclass KF, Law of United States; [prepared by
Werner B. Ellinger, with assistance of John Fischer]. Preliminary edi-
tion. 1969. xii+333 p. large 8° (Processing Department, Subject Cat-
aloging Division.) ‡ Paper, \$5.00, Card Division, Library of Congress,
Building 159, Navy Yard Annex, Washington, D.C. 20541 ● Item 819
L.C. card 69-60005 LC 26.9: KF
- 14483 Ghana, guide to official publications, 1872-1968; compiled by Julian W.
Witherell and Sharon B. Lockwood. 1969. xi+110 p. 4° (General Refe-
rence and Bibliography Division, Reference Department.) * Paper,
\$1.25. ● Item 806-B
L.C. card 74-601680 LC 2.8: G 34/872-968

MARINE CORPS (Navy), Defense Dept. Washington, DC 20350

Fleet Marine Force manual FMFM (series).

- 14484 6-3. Marine infantry battalion [with list of references]. [1969.] [6]+viii+513
p. il. 4° [Issued in looseleaf form. Supersedes FMFM 6-3, Apr. 16, 1964.]
* Paper, \$4.00. ● Item 384 D 214.9/4: 6-3/2

MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

- 14485 Containerships under construction and on order (including conversions) in
United States and foreign shipyards, oceangoing ships of 1,000 gross
tons and over as of June 30, 1968. Nov. 20, 1968. [1]+8+[1] leaves, 4°
(Office of Maritime Promotion, Division of Trade Studies.) ‡
C 39.231: 968
- 14486 Containerships under construction and on order (including conversions)
in United States and foreign shipyards, oceangoing ships of 1,000 gross
tons and over as of Dec. 31, 1968. June 12, 1969. [21] leaves, oblong 8°
(Office of Government Aid, Division of Trade Studies.) ‡
C 39.231: 968-2
- MA SP (series). ‡ C 39.210/2: (nos.)
- 14487 69-12. Remarks by A. E. Gibson, Maritime Administrator, Department of Com-
merce, at Maritime Administration Research and Development Con-
ference, Washington, D.C., Sept. 10, 1969. 1969. 3 p. 4°
- 14488 69-13. Partners in the future, ships and ports, remarks by A. E. Gibson, Mari-
time Administrator, Department of Commerce, before Pacific Coast
Assn. of Port Authorities at Honolulu, Hawaii, Sept. 22, 1969. 1969.
10 p. 4° ([US-COMM-DC 43184.])
- 14489 Oceangoing foreign flag merchant type ships of 1,000 gross tons and over
owned by United States parent companies as of Dec. 31, 1967; prepared
by Office of Maritime Promotion, Division of Trade Studies. [1968.]
[2]+34 leaves, 4° (Report MAR-560-22.) ‡ C 39.230: 967
- 14490 Oceangoing foreign flag merchant type ships of 1,000 gross tons and over
owned by United States parent companies as of June 30, 1968; prepared
by Office of Maritime Promotion, Division of Trade Studies. [1969.] 35
leaves, 4° (Report MAR-560-22.) ‡ C 39.230: 968

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14491 Ooceangoing merchant ships of 1,000 gross tons and over, lost and scrapped during calendar year 1967 (excludes vessels operating exclusively on Great Lakes and Inland waterways and special types such as channel ships, icebreakers, cable ships, etc., and merchant ships owned by any military force); prepared by Office of Maritime Promotion, Division of Trade Studies. Revised July 18, 1968. [1968.] [1]+vi+22 leaves, 4° (Report MAR-560-23.) ‡
L.C. card 70-600595 C 39.229: 967
- 14492 Ooceangoing merchant ships of 1,000 gross tons and over, lost and scrapped during calendar year 1968 (excludes vessels operating exclusively on Great Lakes and Inland Waterways and special types such as channel ships, icebreakers, cable ships, etc., and merchant ships owned by and military force); prepared by Office of Government Aid, Division of Trade Studies. June 6, 1969. [1]+viii+22 leaves, 4° (Report MAR-560-23.) ‡
L.C. card 70-600595 C 39.229: 968
- 14493 United States flag containerships and United States flag ships with partial capacities for containers and/or vehicles [as of Dec. 31, 1968]; prepared by Office of Government Aid, Division of Trade Studies. Apr. 25, 1969. [1]+8 leaves, oblong 8° ‡ C 39.232: 968-2
- 14494 United States flag containerships and United States flag ships with partial capacities for containers and/or vehicles [as of June 30, 1968]; prepared by Office of Maritime Promotion, Division of Trade Studies. Oct. 25, 1968. [1]+7 leaves, oblong 8° ‡ C 39.232: 968

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, DC 20350

- Naval Aerospace Medical Institute: NAMI (series). (Naval Aerospace Medical Center, Pensacola, Fla.) ‡ D 206.18: (nos.)
- 14495 1019. Stability of Edwards personal preference schedule need scale scores and profiles over 7-week interval [with list of references; by] Lawrence K. Waters. Oct. 18, 1967. [1]+ii+5+2+[1] p. ii. 4° ([Project] MF 022.01.02-5001.55.) [Abstract cards attached.]
 - 14496 1032. Repeated or continual measurements of cardiac output in squirrel monkey (Saimiri sciureus) by thermomodulation [with list of references; by] Hassan H. Khalil, Mar. 8, 1968. [1]+ii+18+2+[1] p. ii. 4° ([Project] MR 011.01.4.) [Abstract cards attached.]
 - 14497 1035. Simple method for percutaneous introduction of cardiac catheters [with list of references; by] Hassan H. Khalil, Mar. 20, 1968. ii+4+2+[2] p. ii. 4° ([Project] MR 011.01.5.) [Abstract cards attached.]
 - 14498 1037. Relationship of Naval aviator's speech discrimination test to pure tone audiogram [with list of references; by] James W. Greene. Apr. 9, 1968. ii+12+[6] p. ii. 4° ([Projects] MF 022.03.02-5021.2; NASC A34-531-061/5611/F022-01-03.) [Abstract cards attached.]
 - 14499 1038. Expansion of Naval flight officer student prediction system [with one reference; by] Richard F. Booth and Floyd E. Peterson. May 20, 1968. ii+5+2+[2] p. 4° ([Project] MF 022.01.02-5002.10.) [Abstract cards attached.]
 - 14500 1039. Optimal weighting of course grades for 2 naval air training schools [with list of references; by] Richard F. Booth. May 3, 1968. ii+13+2+[2] p. 4° ([Project] MF 022.01.02-5009.1.) [Abstract cards attached.]
 - 14501 1045. Sixty-minute vigilance task with 100 scoreable responses [with list of references; by] Robert S. Kennedy. July 16, 1968. ii+10+[2] p. ii. 4° ([Project] MF 12.524.002-5002.11.) [Abstract cards attached.]
 - 14502 1047. Development of aviation combat criterion, preliminary report [with list of references; by] George M. Rickus, Jr., and James R. Berkshire. Aug. 6, 1968. ii+6+2+[2] p. 4° ([Project] M4305.09-3002.1.) [Abstract cards attached.]
 - 14503 1049. Manikin measurements of noise attenuation provided by flight helmets; [by] John R. Forstall. Aug. 23, 1968. ii+17+2+[2] p. ii. 4° ([Project] MF 12.524.005-5020.1; NASC A34-531-561/69F12524402.) [Abstract cards attached.]
- Naval Medical Field Research Laboratory, Camp Lejeune N.C.: [Reports]. ‡ D 206.19: (nos.)
- 14504 v. 18, no. 3. Serum enzyme changes after physical exertion [with list of references; by] I. Dodd Wilson. Mar. 1968. v+13+[4] p. 4° (Work unit MR005.04-0082.1.)

⌘For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
⌘Sent to Depository Libraries

Page 65

GOVERNMENT PUBLICATIONS

Naval Medical Field Research Laboratory—Continued

- 14505 v. 18, no. 6. Physical fitness test standards for women marines [with list of references]; by Ann Jewett. June 1968. v+8+[4] p. 4° (Work unit MW022.01.04-8003.5.)
- 14506 v. 18, no. 7. Evaluation of physical training platoon, Officer candidate schools, Quantico, Va., report 1 [with list of references]; by Philip J. Rasch. July 1968. v+12+[4] p. 4° (Work unit MF12.524.004-8002.7.)
- 14507 v. 18, no. 9. Cryotherapy in treatment of snake envenomation [with list of references]; by Kenneth A. Gill, jr. July 1968. v+15+[4] p. il. 4° (Project MR011.01.)
- 14508 v. 18, no. 10. Serum uric acid levels and leadership in Marine Corps [with list of references]; by Philip J. Rasch [and others]. July 1968. v+10+[4] p. 4° (Work unit MF12.524.004-8002.8.)
- 14509 v. 18, no. 11. Proceedings of Conference on military importance of Mediterranean Small complex, Host, Entomology Division, Oct. 10-12, 1967. July 1968. vi+96+7+[6] p. 4° (Work unit MF12.524.009-8010.1.)
- 14510 v. 18, no. 14. Effect of selected soft drink mixes on germicidal properties of iodine tablets [with list of references]; by Ned S. Hurst and James S. Bird. Aug. 1968. v+15+[4] p. 4° (MF12.524.007-8007.1.)
- 14511 v. 18, no. 15. Nongonococcal urethritis associated with T strains of mycoplasma [with list of references]; by Maurice C. Shepard. Sept. 1968. v+17+[4] p. 4° (Work unit MF12.524.0009.8003.12.)
- 14512 v. 18, no. 16. Body armor in hot humid environment; pt. 1, Studies in unacclimatized men [with list of references]; by W. E. Yarger, L. H. Cronau, Jr., and R. P. Goldman. Sept. 1968. v+12+[4] p. 4° (Work unit MF12.524.007-8008.1.)
- 14513 v. 19, no. 2. Development of NMFLR telemetry system, 2d report [with list of references]; by Wade G. Holcomb and Philip J. Rasch. Jan. 1969. v+14+[4] p. il. 4° (Work unit MF12.524.004-8002.)
- 14514 v. 19, no. 5. Reevaluation of physical fitness test [with list of references]; by Philip J. Rasch. Feb. 1969. v+20+[3] p. 4° (Work unit MF12.524.004-8002.9.)

U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. ‡ D 206.10: (nos.)

- 14515 574. Speech intelligibility in stationary multipath channel [with list of references]; by Murray B. Sachs [and others]. [1969.] iii+6+2 p. il. 4° (Bureau of Medicine and Surgery research work unit MF12.524.004-9011D.03 and NavShips Systems Command task 5-23-18-08622 (USL-9-A-611-03-00).) [Joint report by personnel of Naval Underwater Sound Laboratory and Naval Submarine Medical Center.]
- 14516 577. Self-preparation stannous fluoride prophylactic technique in preventive dentistry. report after 2 years [with list of references]; by Francis P. Scola. Apr. 18, 1969. cover title, iii+5+2 p. il. 4° (Research work unit MR005.19-6027.02.) [This report has been designated Submarine Medical Research Laboratory report 577.]
- 14517 582. TRIC Agent urethritis, report of serological fluorescent antibody and associated findings [with bibliography]; by T. S. Kent. May 21, 1969. cover title, vii+22+2 p. 4° (Project MF099.01.01.01.)
- 14513 583. Step Test of motivation to excell [with list of references]; by Jimmie H. Johnson. May 26, 1969. cover title, 421-424+2 p. 4° (Research work unit MF12.524.003-9007.01.) [Reprinted from Aerospace medicine, v. 40, no. 4, Apr. 1969. Text on p. 2 of cover.]

MILITARY ACADEMY, West Point (Army), Defense Dept. West Point, NY 10996

USMA library bulletins. ‡ D 109.10: (nos.)

- 14519 7. Bibliography of military history, selected, annotated listing of references sources in United State Military Academy Library; compiled by J. Thomas Russell. 1969. [1]+xvii+57 p.
- 14520 8. Landmarks in science, great rare books from USMA library collections, by Edward P. Rich and Marie T. Capps. Spring 1969. [12] p. il.

MINES BUREAU, Interior Dept. Washington, DC 20240

- 14521 Asbestos; [by Paul W. Icke.] [1969.] [2]+10 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: As 15/968
- 14522 Barite; [by W. Gene Diamond.] [1969.] [2]+6 p. [Preprint from Minerals yearbook 1968.] * Paper, 10c. I 28.37/a: B 239/968
- 14523 Beryllium; [by Henry C. Meeves.] [1969.] [2]+5 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: B 463/968

*For Sale by Superintendent of Documents
‡Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 14524 Bismuth; [by Harold J. Schroeder.] [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: B 542/968
- 14525 Boron; [by J. M. West]. [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: B 645/968
- 14526 Diatomite; [by Benjamin Petkof]. [1968.] [2]+3 p. [Preprint from Minerals yearbook, 1967.] * Paper, 5c. I 28.37/a: D 543/967
- 14527 Graphite; [by Lewis K. Weaver]. [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: G 767/968
- 14528 Helium; [by Billy J. Moore.] [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: H 367/968
- Information circulars. • Item 637-A I 28.27:(nos.)
- 14529 8418. Statistical analysis of U.S. demand for phosphate rock, potash, and nitrogen [with bibliography]; by Olman Hee. [1969.] iv+55 p. ll. 4° * Paper, 75c. L.C. card 70-603668
- 14530 8422. Mineral resource valuation for public policy; by Donald S. Colby and David B. Brooks. [1969.] [3]+34 p. 4° * Paper, 45c.
- 14531 8423. General computer program for solving nonlinear regression problems; by Jarrell C. Grout. [1969.] [3]+35 p. ll. 4° * Paper, 45c.
- 14532 Kyanite and related minerals; [by James D. Cooper]. [1968.] [2]+4 p. [Preprint from Minerals yearbook, 1967.] * Paper, 5c. I 28.37/a: K 98/967
- 14533 Laramie Petroleum Research Center, welcome. [1969.] cover title, 17 p. ll. 4° † I 28.2: L 32
- 14534 Magnesium; [by John W. Cole]. [1969.] [2]+6 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 274/2/968
- 14535 Magnesium compounds; [by John W. Cole.] [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 539/968
- 14536 Mercury; [by J. M. West]. [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 539/968
- 14537 Mineral industry of Bolivia; [by Robert A. Whitman]. [1969.] [2]+6 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: B 638/968
- 14538 Mineral industry of Burma; [by Arnold M. Lansche and K. P. Wang.] [1969.] [2]+4 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: B 927/968
- 14539 Mineral industry of Colombia; [by Gordon W. Koelling.] [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: C 717/968
- 14540 Mineral industry of Hungary; [by Joseph B. Huvos.] [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: H 894/968
- 14541 Mineral industry of Pakistan; [by Charles L. Kimbell.] [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: P 17/968
- 14542 Mineral industry of Sierra Leone; [by E. Shekarchi]. [1969.] [2]+5 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: S 117/968
- 14543 Mineral industry of Taiwan; [by R. A. Pense]. [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: T 139/968
- 14544 Minor nonmetals; [by Benjamin Petkof.] [1969.] [2]+8 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: N 731/968
- 14545 Molybdenum; [by John L. Morning]. [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: M 739/968
- 14546 Nitrogen; [by John R. Lewis.] [1969.] [2]+13 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: N 638/968

•For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14547 Peat; [by Joseph J. Gallagher]. [1969.] [2]+10 p. il. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: P 329/968
- 14548 Petroleum refineries in United States and Puerto Rico, Jan. 1, 1969. Aug. 29, 1969. 15 p. il. 4° (Mineral industry surveys; Petroleum refineries, annual.) † Mines Bureau, Pittsburgh, PA 15213 I 28.17/2: 969
- Report of investigations. ● Item 637-A I 28.23: (nos.)
- 14549 7283. Materials handling research, hydraulic transportation of coarse solids [with bibliography]; by R. S. Fowkes and G. A. Wancheck. [Aug. 1969.] [2]+11+36 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14550 7285. Tensile and stress-rupture properties of rolled Pb-Cd-Sb alloys [with list of references]; by M. M. Tilman. [1969.] [3]+11 p. il. 4B † Mines Bureau, Pittsburgh, PA 15213
- 14551 7287. Compressibility data for helium at 0° C and pressures to 800 atmospheres [with list of references]; by Ted C. Briggs, B. J. Dalton, and Robert E. Barreau. [1969.] [2]+11+54 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14552 7288. Chemical stabilization of uranium tailings at Tuba City, Ariz.; by Richard Havens and Karl C. Dean. [Aug. 1969.] [3]+12 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14553 7289. Electrical resistivity of hyperstolchometric columbium and zirconium carbide materials at elevated temperatures [with list of references]; by Danton L. Paulson and Gene Asai. [Aug. 1969.] [2]+11+30 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14554 7290. Metallization of iron ores with solid reductants; by M. M. Fine and R. B. Schluter. [Sept. 1969.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14555 7292. Magnetic separation of minerals of low susceptibility and small particle size [with list of references]; by Foster Fraas. [Sept. 1969.] [2]+11+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14556 7293. Mass spectrometry, residual gas analysis during vacuum melting [with list of references]; by W. E. Anable and E. D. Calvert. [Sept. 1969.] [3]+11 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14557 7294. Preparing alkaliized alumina [with list of references]; by Laurance L. Oden and Paul E. Francoeur. [Sept. 1969.] [3]+16 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14558 7295. Bureau of Mines coal-fired gas turbine research project, test of combustor and ash separators for open-cycle plant; by Donald C. Strimbeck (and others). [Sept. 1969.] [3]+12 p. il. 4B † Mines Bureau, Pittsburgh, PA 15213
- 14559 7296. Laboratory oil-recovery tests with ultrasonically formed emulsions [with list of references]; by C. A. Komar and H. A. W. Moore. [Sept. 1969.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 14560 Salt; [by Benjamin Petkof]. [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: Sa 37/968
- 14561 Slag-iron and steel; [by John W. Thatcher]. [1969.] [2]+5 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: Sl 1/968
- 14562 Zirconium and hafnium; [by John G. Parker]. [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a: Z 68/968

MOTOR CARRIER SAFETY BUREAU, Transportation Dept. Washington, DC 20591

- 14563 1968 analysis of motor carrier accidents involving vehicle defects or mechanical failure. Aug. 1969. [5]+17 p. 4° † D 2.312: 968

NARCOTICS AND DANGEROUS DRUGS BUREAU, Justice Dept. Washington, DC 20530

NOTE.—The Narcotics and Dangerous Drugs Bureau was transferred from the Treasury Department to the Justice Department by Reorganization Plan 1 of 1968, effective Apr. 8, 1968.

- 14564 BNDD bulletin; [Robert J. Funesti, editor]. [Irregular.] † ● Item 968-B J 24.3: (v.nos.& nos.)
v. 1, no. 2—Aug. 1969—

NATIONAL ACADEMY OF SCIENCES Washington, DC 20418

- 14565 Drug efficacy study, report to Commissioner of Food and Drugs, Erratum sheet. [1969.] 1 p. 4° † ● Item 475 NA 1.2: D 84/erratum

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Washington, DC 20546

- 14566 Apollo program [posters no. 1-10. 40 x 30 in. 1969. [Posters are colored.]
* Paper, \$4.75 per set. NAS 1.43: Ap 4/2/no.1-10
- NASA contractor report CR (series). NAS 1.26:(nos.)
- 14567 1330. Vaporization and decomposition kinetics of candidate re-entry blackout suppressants in low-pressure flames [with list of references]; by Shelby C. Kurzhus and Fredrik H. Raab. Aug. 1969. cover title, x+58 p. il. 4° [Prepared under contract NAS 1-7169 by Aerochem Research Laboratories, Inc., Princeton, N.J. Issued by originator as TP-181.] Φ Paper, \$3.00.
- 14568 1332. Method for analyzing aeroelastic stability of helicopter rotor in forward flight [with list of references]; by Peter Criml. Aug. 1969. cover title, iii+107 p. il. 4° [Prepared under contract NAS 1-7411 by Rochester Applied Science Associates, Inc., Rochester, N.Y. Issued by originator as NASA report 68-10.1.] Φ Paper, \$3.00.
- 14569 1339. Aerodynamic effects of bulbous bases [with list of references]; by Lars E. Ericsson and J. Peter Redling. Aug. 1969. cover title, ix+110 p. il. 4° [Prepared under contract NAS 1-6450 by Lockheed Missiles & Space Company, Lockheed Aircraft Corporation, Sunnyvale, Calif. Issued by originator as LMSC report 4-17-68-4.] Φ Paper, \$3.00.
- 14570 1373. Analytical and experimental studies for predicting noise attenuation in acoustically treated ducts for turbofan engines [with list of references]; by Ernest Feder and Lee Wallace Dean III. Sept. 1969. cover title, xiii+99 p. il. 4° [Prepared under contract NAS 1-7129 by Pratt and Whitney Aircraft Division, United Aircraft Corporation, East Hartford, Conn. Issued by originator as report PWA-3486.] Φ Paper, \$3.00.
- 14571 1381. Characteristics of thermionic converter with fluoride vapor deposited tungsten emitter etched to perpendicularly expose 110 crystal planes [with list of references]; by V. C. Wilson and J. Lawrence. Aug. 1969. cover title, v+113 p. il. 4° [Prepared under contract NAS 3-8511 by General Electric Company, Schenectady, N.Y.] Φ Paper, \$3.00.
- 14572 1383. Experimental study of electron transmission and bremsstrahlung production [with lists of references]; by D. H. Rester. Aug. 1969. cover title, v+[1]+138 p. il. 4° [Prepared under contract NAS 8-21055 by Ling-Temco-Vought, Inc., Dallas, Tex. Issued by originator as report 0-71109/9R-1.] Φ Paper, \$3.00.
- 14573 1385. Manipulation errors in finite element analysis of structures [with list of references]; by R. J. Molosh, and E. L. Palacol. Aug. 1969. cover title, iv+141 p. il. 4° [Prepared under contract NAS 5-10369 by Philco-Ford Corporation, Palo Alto, Calif.] Φ Paper, \$3.00.
- 14574 1393. Experimental investigation of magneto-aerodynamic flow around blunt bodies [with list of references]; by S. Kranc, M. C. Yuen, and A. B. Cambel. Aug. 1969. cover title, xiv+147 p. il. 4° [Prepared under grant NSG-547 by Northwestern University, Evanston, Ill.] Φ Paper, \$3.00.
- 14575 1396. Design of strapdown gyroscopes for dynamic environment, interim scientific report 2 [with list of references]; by Arthur A. Sutherland, Jr., and William S. Beebe. Aug. 1969. cover title, xv+175 p. il. 4° [Prepared under Contract NAS 12-508 by Analytic Sciences Corporation, Reading, Mass. Issued by originator as report TR-101-4.] Φ Paper, \$3.00.
- 14576 1397. Survey of current debugging concepts [with bibliographies]; by Wallace Kocher. Aug. 1969. cover title, [101 p. il. 4° [Prepared under contract NAS 5-9756-99 by Wolf Research and Development Corporation, Bladensburg, Md.] Φ Paper, \$3.00.
- 14577 1398. Laboratory experiments on reverted rubber friction [with list of references]; by G. H. Nybakken, R. J. Staples, and S. K. Clark. Aug. 1969. cover title, viii+54 p. il. 4° [Prepared under grant NGR-23-005-010 by University of Michigan, Ann Arbor, Mich. Issued by originator as technical report 7.] Φ Paper, \$3.00.
L.C. card 77-603344
- 14578 1401. Design of Brayton rotating unit on rolling-element bearings; by R. Cohen and J. Clausl. Aug. 1969. cover title, ix+89 p. il. 4° [Prepared under contract NAS 3-10949 by Pratt & Whitney Aircraft, Division of United Aircraft Corporation, East Hartford, Conn.] Φ Paper, \$3.00.
- 14579 1407. Study of ferromagnetic liquid [with list of references]; by Robert Kaiser and Ronald E. Rosenweig. Aug. 1969. cover title, x+91 p. il. 4° [Prepared under contract NASw-1581 by Avco Corporation, Lowell, Mass.] Φ Paper, \$3.00.
L.C. card 70-603282
- 14580 1408. Requirements study for biotechnology laboratory for manned earth orbiting missions: v. 1, Results, recommendations, and requirements; by L. T. Kall. Aug. 1969. cover title, xiii+160 p. il. 4° [Prepared under contract NAS 7-518 by McDonnell Douglas Corporation, Huntington Beach, Calif. Issued by originator as report DAC 58155.] Φ Paper, \$3.00.
- 14581 1409. Requirements study for biotechnology laboratory for manned earth orbiting missions: v. 2, Summary of individual experiments requirements; by L. T. Kall. Aug. 1969. cover title, vii+200 p. 4° [Prepared under contract NAS 7-518 by McDonnell Douglas Corporation, Huntington Beach, Calif. Issued by originator as report DAC-58156.] Φ Paper, \$3.00.

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 69

GOVERNMENT PUBLICATIONS

NASA contractor report CR (series)—Continued

- 14582 1410. Investigation of turbulent wind field below 150M altitude at Eastern Test Range [with lists of references]; by Alfred K. Blackadar [and others]. Aug. 1969. cover title, [1]+xi+92 p. il. 4° [Prepared under contract NAS 8-21140 by Pennsylvania State University, University Park, Pa.] Φ Paper, \$3.00.
- 14583 1411. Nonequilibrium gasdynamics [with list of references]; by William S. Watt. Aug. 1969. cover title, v+35 p. il. 4° [Prepared under contract NAS-109 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y. Issued by originator as CAL report AD-1689-A-10.] Φ Paper, \$3.00.
- 14584 1412. Method of deriving orbital perturbing parameters from onboard optical measurements of ejected probe or natural satellite [with list of references]; by C. B. Grosch and H. R. Paetznick. Aug. 1969. cover title, vii+93 p. il. 4° [Prepared under contract NAS 1-7540 by Control Data Corporation, Minneapolis, Minn. Issued by originator as control data project 9580.] Φ Paper, \$3.00.
- 14585 1414. Evaluation of configuration changes on optimum structural designs for Mars entry capsule [with list of references]; by Gerald A. Cohen. Aug. 1969. cover title, vii+47 p. il. 4° [Prepared under contract NAS 1-5554-5 by Philco-Ford Corporation, Newport Beach, Calif.] Φ Paper, \$3.00.
- 14586 1415. Development of barium chemical release system [with list of references]; by C. S. Stokes, E. W. Smith, and W. J. Murphy. Aug. 1969. cover title, ix+37 p. il. 4° [Prepared under contract NAS 1-6199 and NAS 1-7070 by Research Institute of Temple University, Philadelphia, Pa.] Φ Paper, \$3.00.
- 14587 1416. Characteristics of thermionic converter with chloride vapor deposited tungsten emitter (110) and nickel collector [with list of references]; by V. C. Wilson and S. P. Podkolski. Aug. 1969. cover title, v+33 p. il. 4° [Prepared under contract NAS 3-8511 by General Electric Company, Schenectady, N.Y.] Φ Paper, \$3.00.
- 14588 1421. Transient response of coupled acousto-mechanical systems [with list of references]; by A. Craggs. Aug. 1969. cover title, [1]+80 p. il. 4° [Prepared under grant NGR 52-025-003 by University of Southampton, Southampton, England.] Φ Paper, \$3.00.
- 14589 1424. Structural optimization of sandwich and ring-stiffened 120 degree conical shells subjected to external pressure [with list of references]; by Gerald A. Cohen. Aug. 1969. cover title, vi+66 p. il. 4° [Prepared under contract NAS 1-5554-6 by Philco-Ford Corporation, Space and Re-entry Systems Division, Newport Beach, Calif.] Φ Paper, \$3.00.
- 14590 1425. Properties of nonaqueous electrolytes [with list of references]; by Rudolf Keller [and others]. Aug. 1969. cover title, xiii+241 p. il. 4° [Prepared under contract NAS 3-8521 by ROCKETDYNE, Division of North American Rockwell Corporation, Canoga Park, Calif.] Φ Paper, \$3.00.
- 14591 1428. General aviation pilot reactions to and opinions on grooved runways; by George E. Cranston. Aug. 1969. cover title, [1]+26 p. 4° [Prepared under contract NAS 1-8668 by Flight Safety Foundation, Arlington, Va.] Φ Paper, \$3.00.

NASA picture sets.

NAS 143/2: (nos.)

- 14592 3. NASA space art—"Eyewitness to space". 1969. 12 color prints, 16 x 20 in. of 20 x 16 in. [Issued in envelope.] * Paper, \$2.75 per set.
- 14593 4. Apollo—"First manned lunar landing". 1969. 12 color prints, each 11 x 14 in. or 14 x 11 in. [Issued in envelope.] * Paper, \$1.75 per set.
- 14594 5. Apollo—"Man on the moon". 1969. 16 x 20 in. [One color print issued in envelope.] * Paper, \$1.00.

NASA SP (series).

NAS 1.21: (nos.)

- 14595 164. Thermal radiation heat transfer: v. 1, Blackbody, electromagnetic theory, and material properties, by Robert Siegel and John R. Howell, 1968, errata. [1969.] 1 p. \uparrow
- 14596 174. Conference on electromagnetic exploration of moon, report of Program Evaluation Committee, results of conference held at Ames Research Center, at Moffett Field, Calif., June 11-13, 1968 [with list of references]. 1969. iii+24 p. il. Φ Paper, \$3.00.
- 14597 184. Surveyor program results [with lists of references]; compiled by Surveyor Program, Lunar and Planetary Programs Division, Office of Space Science and Applications. 1969. ix+425 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) * Paper, \$4.75. \bullet Item 830-1
- 14598 195. Significant accomplishments in science, Goddard Space Flight Center, 1968, proceedings of symposium held at NASA Goddard Space Flight Center, Jan. 10, 1969; prepared by Goddard Space Flight Center. 1969. viii+188 p. il. (Scientific and Technical Information Division, Office of Technology Utilization.) [Some illustrations are colored.] Φ Paper, \$3.00.
- 14599 3045. Compressed gas handbook, 1969, errata. [June 20, 1969.] 1 p. 4° \uparrow

*For Sale by Superintendent of Documents

\uparrow Distribution Made by Issuing Office

\bullet Official Use. Not Available

OCTOBER 1969

- 14600 3049. Computer-aided filter design manual [with bibliography]; Sidney Gussow and Glenn Weathers. 1969. vi+101 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) [Prepared under contract for NASA by Sperry Rand Corporation, Huntsville, Ala.] \$ Paper, \$1.25. \$ Item 830-1 L.C. card 75-601301
- 14601 NASA special publications, currently available, fall 1969. [1969.] cover title, 48 p. il. [Text on p. 2 of cover.] † NAS 1.9/2: Sp 3/969-2
NASA technical note TN (series) NAS 1.14: D-(nos.)
- 14602 D-4342. Errata 2. Computing program for axial distribution of aerodynamic normal-force characteristics for axisymmetric multistage launch vehicles, by Ragan B. Madden, Mar. 1968. [June 27, 1969.] 1 p. 4° †
- 14603 D-5091. FORTRAN program for calculating velocities in magnified region on blade-to-blade stream surface of turbo-machine; by Theodore Katsanis and William D. McNally, Apr. 1969. Errata. [June 6, 1969.] 1 p. 4° †
- 14604 D-5166. Infrared spectral irradiance measurements in space environment simulator, John F. Rogers, June 1969, erratum. [July 31, 1969.] [4] p. il. 4° †
- 14605 D-5190. Effects of differing amounts training and monochromatic targets on sextant sighting performance [with list of references]; by Emmett C. Lampkin and Robert J. Randle. Aug. 1969. cover title, [1]+9 p. il. 4° \$ Paper, \$3.00.
- 14606 D-5268. Attitude stability of class of partially flexible spinning satellites; by Thomas W. Flatley. Aug. 1969. cover title, iii+15 p. il. 4° \$ Paper, \$3.00.
- 14607 D-5279. Effects of cyclic heating and thermal shock on hafnia stabilized with calcia, magnesia, and yttria [with list of references]; John D. Buckley and David R. Wilder. Aug. 1969. cover title, [1]+41 p. il. 4° \$ Paper, \$3.00.
- 14608 D-5297. Flow-field measurements downstream of protuberances on flat plate submerged in turbulent boundary layer at Mach 2.49 and 4.44 [with list of references]; by Lana M. Couch. July 1969. cover title, [1]+135 p. il. 4° \$ Paper, \$3.00
- 14609 D-5304. Development of weld quality monitor [with bibliography]; by J. G. Etzel and J. A. Munford. Aug. 1969. cover title, iii+8 p. il. 4° \$ Paper, \$3.00.
- 14610 D-5314. Subsonic performance characteristics of large-scale 1.075-pressure-ratio tip-turbine cruise-fan propulsion system [with list of references]; by Francis J. Capone and Harry T. Norton, jr. Aug. 1969. cover title, [1]+276 p. il. 4° \$ Paper, \$3.00.
- 14611 D-5316. Subsonic aerodynamic characteristics of large-scale 1.075-pressure-ratio tip-turbine cruise-fan propulsion system at angle of attack [with list of references]; by Francis J. Capone. Aug. 1969. cover title, [1]+62 p. il. 4° \$ Paper, \$3.00.
- 14612 D-5332. Magnetospheric duct propagation research using Alouette-2 top-side-sounder observations [with list of references]; by Jayaram Ramasastry and Edward J. Walsh. Aug. 1969. cover title, [1]+73 p. il. 4° \$ Paper, \$3.00.
- 14613 D-5334. Supersonic aerodynamic characteristics and shock standoff distances for large-angle cones with and without cylindrical afterbodies [with list of references]; by James F. Campbell. Aug. 1969. cover title, [1]+96 p. il. 4° \$ Paper, \$3.00.
- 14614 D-5344. Investigation of isothermal, compressible flow across rotating sealing dam [pt. 1] 1. Analysis [with list of references]; by John Zuk and Lawrence P. Ludwig. Sept. 1969. cover title, ii+34 p. il. 4° \$ Paper, \$3.00.
- 14615 D-5358. Fixed-base simulator pilot rating surveys for predicting lateral-directional handling qualities and pilot rating variability [with list of references]; by Lawrence W. Taylor, Jr. and Kenneth W. Iliff. Aug. 1969. cover title, [1]+102 p. il. 4° \$ Paper, \$3.00.
- 14616 D-5361. Analysis of lateral-directional stability characteristics of twin-jet fighter airplane at high angles of attack [with list of references]; by Joseph R. Chambers and Ernie L. Anglin. Aug. 1969. cover title, [1]+47 p. il. 4° \$ Paper, \$3.00.
- 14617 D-5364. Wind-tunnel investigation of STOL aircraft configuration equipped with external-flow jet flap [with list of references]; by Lysle P. Parlett and James P. Shivers. Aug. 1969. cover title, [1]+85 p. il. 4° \$ Paper, \$3.00.
- 14618 D-5367. Failure criteria for filamentary composites [with list of references]; by Christos C. Chamis. Aug. 1969. cover title, ii+30 p. il. 4° \$ Paper, \$3.00.
- 14619 D-5370. Tagged arithmetic; by Paula J. Bettinger, Andrew M. Manos, and Betty Jo Armstead. Aug. 1969. cover title, ii+18 p. 4° \$ Paper, \$3.00
- 14620 D-5371. Longitudinal mass-spring modeling of launch vehicles [with list of references]; by Rudolf F. Glaser. Aug. 1969. cover title, viii+37 p. il. 4° \$ Paper, \$3.00.
- 14621 D-5373. Computer program for viscous, isothermal compressible flow across sealing dam with small tilt angle [with list of references]; by John Zuk and Patricia J. Smith. Aug. 1969. cover title, ii+87 p. il. 4° \$ Paper, \$3.00.

♦For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 ●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NASA technical note TN (series)—Continued

- 14622 D-5374. Causes, measurement, and elimination of fuel-element fission product leakage at NASA Plum Brook Reactor [with list of references]; by A. Bert Davis, and Richard H. Brickley. Aug. 1969. cover title, ii+26 p. il. 4° Φ Paper, \$3.00.
- 14623 D-5375. Effect of injection element radial distribution and chamber geometry on acoustic-mode instability in hydrogen oxygen rocket [with list of references]; by John P. Wanhainen and C. Joe Morgan. Aug. 1969. cover title, ii+43 p. il. 4° Φ Paper, \$3.00.
- 14624 D-5376. Oxidation and thermal fatigue cracking of nickel- and cobalt-base alloys in high velocity gas stream [with list of references]; by James R. Johnston and Richard L. Ashbrook. Aug. 1969. cover title, ii+48 p. il. 4° Φ Paper, \$3.00.
- 14625 D-5377. Experimental and theoretical turbulent boundary layer development in Mach 4.4 water-cooled conical nozzle [with list of references]; by Donald R. Boldman, James F. Schmidt, and Robert C. Ehlers. Aug. 1969. cover title, ii+41 p. il. 4° Φ Paper, \$3.00.
- 14626 D-5378. Aerodynamic characteristics in pitch of 1/7-scale model of 2- and 3-stage rocket configuration at Mach numbers of 0.4 to 4.63 [with list of references]; by William F. Hinson, Richard A. Langhans, and Roger H. Fournier. Aug. 1969. cover title, [i]+40 p. il. 4° Φ Paper, \$3.00.
- 14627 D-5379. Aerodynamic interference effects caused by parallel-staged simple aerodynamic configurations at Mach numbers of 3 and 8 [with list of references]; by John P. Decker. Aug. 1969. cover title, [i]+85 p. il. 4° Φ Paper, \$3.00.
- 14628 D-5380. Molecular orientation and mechanical anisotropy in polyethylene, polypropylene, and poly(ethylene terephthalate) films [with list of references]; by Howard L. Price. Aug. 1969. cover title, [i]+19 p. il. 4° Φ Paper, \$3.00.
- 14629 D-5382. Some liquid oxygen/liquid hydrogen explosive effects in controlled failure-mode tests [with list of references]; by Richard W. High. Sept. 1969. cover title, v+28 p. il. 4° Φ Paper, \$3.00.
- 14630 D-5383. Use of six-degrees-of-freedom motion simulator for VTOL hovering tasks [with list of references]; by Emmett B. Fry, Richard K. Greif and Ronald M. Gerdes. Aug. 1969. cover title, [i]+26 p. il. 4° Φ Paper, \$3.00.
- 14631 D-5385. Analysis of total-pressure loss and airflow distribution for annular gas turbine combustors [with list of references]; by Robert R. Tacina and Jack Grobman. Aug. 1969. cover title, ii+42 p. il. 4° Φ Paper, \$3.00.
- 14632 D-5387. Gaseous-hydrogen pressurant requirements for discharge of liquid hydrogen from 3.96 meter (13 ft-) diameter spherical tank [with list of references]; by Robert J. Stochl (and others). Aug. 1969. cover title, ii+60 p. il. 4° Φ Paper, \$3.00.
- 14633 D-5388. Analysis of dynamic performance limitations of fast response (150 to 200 Hz) electrohydraulic servos [with list of references]; by John R. Zeller. Aug. 1969. cover title, ii+25 p. il. 4° Φ Paper, \$3.00.
- 14634 D-5389. Influence of various fabrication methods on compressive strength of titanium skin-stringer panels [with list of references]; by Richard A. Pride, Dick M. Royster, and James E. Gardner. Aug. 1969. cover title, [i]+42 p. il. 4° Φ Paper, \$3.00.
- 14635 D-5390. Effect of stress ratio on fatigue-crack growth in 7075-T6 and 2024-T3 aluminum-alloy specimens [with list of references]; by C. Michael Hudson. Aug. 1969. cover title, [i]+29 p. il. 4° Φ Paper, \$3.00.
- 14636 D-5391. Chemical equilibrium of ablation materials, including condensed species [with list of references]; by C. W. Stroud and Kay L. Brinkley. Aug. 1969. cover title, [i]+41 p. il. 4° Φ Paper, \$3.00.
- 14637 D-5392. Experimental pressure distributions for family of blunt bodies at Mach numbers from 2.49 to 4.63 and angles of attack from 0° to 15° [with list of references]; by Robert L. Stallings, Jr., and Dorothy T. Howell. Aug. 1969. cover title, [i]+85 p. il. 4° Φ Paper, \$3.00.
- 14638 D-5394. Simplified analytical model for use in design of pump-inlet accumulators for prevention of liquid-rocket longitudinal oscillation (pogo) [with lists of references]; by William Lewis. Aug. 1969. cover title, ii+36 p. il. 4° Φ Paper, \$3.00.
- 14639 D-5395. Solid-propellant combustion instability and role of velocity coupling [with list of references]; by Louis A. Povinelli. Aug. 1969. cover title, ii+49 p. il. 4° Φ Paper, \$3.00.
- 14640 D-5398. Red-shift-magnitude relation and observational data [with list of references]; by Windsor L. Sherman. Aug. 1969. cover title, [i]+25 p. il. 4° Φ Paper, \$3.00.
- 14641 D-5402. FORTRAN program for machine computations of group tables of finite groups [with list of references]; by Gabriel Allen, David D. Evans, and Paul Swigert. Sept. 1969. cover title, ii+41 p. il. 4° Φ Paper, \$3.00.
- 14642 D-5404. Experimental measurements of expanding storable-propellant products simulated by combustion of gaseous reactants [with list of references]; by Robert Friedman, Raymond E. Gaugler, and Erwin A. Lezberg. Sept. 1969. cover title, ii+25 p. il. 4° Φ Paper, \$3.00.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 14643 D-5405. Performance characteristics of 14.3-kilovolt-ampere modified Lundell alternator for 1200 Hertz Brayton-cycle space-power system [with list of references]; by David S. Repas and Richard A. Edkin. Sept. 1969. cover title, ii+26 p. il. 4° ♦ Paper, \$3.00.
- 14644 D-5406. Evaluation of volume-ratio system for vacuum gage calibration from 10⁻⁴ to 10 torr [with list of references]; by Raymond Holanda. Sept. 1969. cover title, ii+21 p. il. 4° ♦ Paper, \$3.00.
- 14645 D-5407. Computer plotting description of ion-molecule collisions with long-lived capture complexes [with list of references]; by John V. Dugan, Jr., and James H. Rice. Sept. 1969. cover title, ii+28 p. il. 4° ♦ Paper, \$3.00.
- 14646 D-5408. Static and dynamic stability derivatives of model of jet transport equipped with external-flow jet-augmented flaps [with list of references]; by Delma C. Freeman, Jr., Sue B. Grafton, and Richard D'Amato. Sept. 1969. cover title, [i]+50 p. il. 4° ♦ Paper, \$3.00.
- 14647 D-5411. Torque and leakage rates of various lubricated lip seal designs at peripheral velocity of 120 feet per second [with list of references]; by Lawrence P. Ludwig, Thomas N. Strom and Robert L. Johnson. Sept. 1969. cover title, ii+14 p. il. 4° ♦ Paper, \$3.00.
- 14648 D-5412. Natural frequency of liquids in annular cylinders under low gravitational conditions [with list of references]; by Thomas L. Labus. Sept. 1969. cover title, ii+28 p. il. 4° ♦ Paper, \$3.00.
- 14649 D-5420. Lubricants for inerted lubrication systems in engines for advanced aircraft [with list of references]; by William R. Loomis, Dennis P. Townsend, and Robert L. Johnson. Sept. 1969. cover title, ii+20 p. il. 4° ♦ Paper, \$3.00.

NASA technical translation TT (series).

NAS 1.13/2: F-(nos.)

- 14650 F-534. Mechanisms with elastic couplings, dynamics and stability [with list of references]; by A. Ye. Kobrinskiy. June 1969. cover title, vii+-(2)+306 p. il. 4° [Translation of Mekhanizmy s Uprugimi Svyazami, Dinamika i ustoychivost, Nauka Press, Moscow, 1964.] ♦ Paper, \$3.00.
- 14651 F-537. Transactions of 10th scientific conference of Institute of History of Natural Science and Technology [articles, with lists of references]; by Yu. V. Biryukov et al. Sept. 1969. cover title, v+[i]+62 p. il. 4° [Translation of Trudy X nauchnoy konferentsii aspirantov i mladshikh sotrudnikov instituta. Section of History of Aviation and Cosmonautics, Institute of History of Natural Science and Technology, Academy of Sciences USSR, Moscow, 1967.] ♦ Paper, \$3.00.
- 14652 F-547. Investigation of vibration and stability of aircraft engine components [with list of references]; by G. S. Skubachevsky, editor. Aug. 1969. cover title, viii+[2]+117 p. il. 4° [Translations of Moscow Institute, no. 172, Mashinostroyeniye Press, Moscow, 1967.] ♦ Paper, \$3.00. L.C. card 72-603403
- 14653 Opportunities for participation in space flight investigations, NHB 8030.1A: Memorandum change 25. Aug. 25, 1969. [1] p. 4° ♦ Paper, \$1.75 (including basic handbook and supplementary material for one year); 50c. additional for foreign mailing. ♦ Item 830-F

NAS 1.18: Sp 1/2/ch.25

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408

General information leaflet.

- 14654 5. Genealogical records in National Archives. [1969.] [2]+12+[2] p. narrow 8° ([Publication 70-1.]) † (Limited distribution). ♦ Item 569 GS 4.22: 5

National Archives microfilm publications: Pamphlet accompanying microcopy. (National Archives.) † GS 4.20: (nos.)

- 14655 28. Diplomatic and consular instructions of Department of State, 1791-1801. 1969. cover title, 21 p.
- 14656 64. Letters sent by Director of United States Mint at Philadelphia, 1795-1817. 1969. cover title, 2 p.
- 14657 74. Letters of Tench Cox, Commissioner of Revenue, relating to procurement of military, naval, and Indian supplies, 1794-96. 1969. cover title, 3 p.
- 14658 259. Passenger lists of vessels arriving at New Orleans, 1820-1902; [prepared by Joyce D. Clarrroch]. 1969 cover title, 6 p.
- 14659 265. Index to passenger lists of vessels arriving at Boston, 1848-91; [prepared by Joyce D. Clarrroch]. cover title, 8 p.
- 14660 284. Despatches from United States consuls in Guaymas, Mexico, 1832-96; [prepared by Ralph E. Huss]. 1969. cover title, 5 p.
- 14661 716, 717. Records of Department of State relating to political relations between United States and Persia, 1821-29, and between Persia and other States, 1918-29; [prepared by Frank S. Soriano]. 1969. iii+9 p.

♣For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151

♦Sent to Depository Libraries

Page 73

GOVERNMENT PUBLICATIONS

NATIONAL BUREAU OF STANDARDS, Commerce Dept. Gaithersburg, MD 20760

Building science series.

- 14662 23. Hall resistance of roofing products [with list of references; by] Sidney H. Greenfeld. Aug. 1969. [3]+9 p. il. 4° (Building Research Division, Institute for Applied Technology.) * Paper, 25c. ● Item 241-A
C 13.29/2:23

Handbook.

- 14663 44. [Specification, tolerance, and other technical requirements for commercial weighing and measuring devices adopted by National Conference on Weights and Measures, 3d edition 1965], 1969 replacement sheets. [1969.] [116] p. 12° [Issued in looseleaf form.] † ● Item 245
L.C. card 14-10563 C 13.11:44/3/rev. pages 969

- 14664 Measurements users bulletin, no. 7: A, Mechanics; B, Heat; supplement to NBS special publication 250, 1968 edition. Aug. 1969. [27] p. 4° [Issued with perforations.] † ● Item 247
C 13.10:250/3/supp.6

Monograph.

- 14665 25. Standard X-ray diffraction powder patterns: sec. 7 [Data for 81 substances, with list of references; by] H. E. Swanson [and others]. Sept. 1969. iv+186 p. il. 4° [Includes cumulative index to Circular 539, v. 1-10, and Monograph 25, sec. 1-7.] * Paper, \$1.50. ● Item 247-A
L.C. card 53-61386 C 13.44:25/sec.7

National standard reference data series, NSRDS-NBS ● Item 248-B C 13.48:(nos.)

- 14666 28. Molten salts, v. 2: sec. 1, Electrochemistry of molten salts, Gibb free energies and excess free energies from equilibrium-type cells [with list of references, by] G. J. Janz and Chr. G. M. Dijkhuis; sec. 2, Surface tension data [with list of references, by] G. J. Jan [and others]. Aug. 1969. v+111 p. il. 4° [Report was prepared at Molten Salts Data Center, Rensselaer Polytechnic Institute, Troy, N.Y.] * Paper, \$2.75.
L.C. card 68-60051

- 14667 29. Photon cross sections, attenuation coefficients, and energy absorption coefficients from 10 keV to 100 GeV [with list of references; by] J. H. Hubbell. Aug. 1969. iv+80 p. il. 4° (Center for Radiation Research.) * Paper, 75c.
L.C. card 73-600412

Product standard PS (series). ([Office of Engineering Standards Services.]) † ● Item 243 C 13.20/2:(nos.)

- 14668 1-66. Softwood plywood, construction and industrial, amendment 1. [1969.] 5 p. [Effective June 30, 1969.]
- 14669 1-66. Softwood plywood, construction and industrial, amendment 2. [1969.] 2 p. 4° [Effective Sept. 20, 1969.]

Special publications. ● Item 247 C 13.10:(nos.)

- 14670 236. Errata, to accompany 1969 edition, NBS frequency and time broadcast services, radio stations WWV, WWVH, WWVB, WWVL. [1969.] 1 p. †
- 14671 304A. Brief history and use of English and metric systems of measurement with chart of modernized metric system. 1968, revised 1969. [1969.] [4] p. il. 4° * Paper, 20c.

Technical notes. ● Item 249-A C 13.46:(nos.)

- 14672 379. Standard time and frequency, its generation, control, and dissemination from National Bureau of Standards Time and Frequency Division; [by] John B. Milton. Aug. 1969. iv+27 p. il. 4° (Frequency-Time Broadcast Services Section, Time and Frequency Division, Institute for Basic Standards.) * Paper, 35c.
L.C. card 70-603681
- 14673 489. Tables of response functions for silicon electron detectors [with list of references; by] M. J. Berger [and others]. Aug. 1969. v+57 p. il. 4° (Center for Radiation Research.) [This work was supported by National Aeronautics and Space Administration under contract R-80.] * Paper, 60c.
L.C. card 76-603656
- 14674 490. Thermal gradient effects on 13 flush mounted pressure transducers; [by] Leon Horn. Aug. 1969. ii+21 p. il. 4° (Electronic Technology Division, Institute for Applied Technology.) * Paper, 30c.
- 14675 491. Gravity measurements and standards laboratory [with list of references; by] D. R. Tate. Aug. 1969. [3]+8 p. 4° (Mechanics Division, Institute for Basic Standards.) * Paper, 25c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

**NATIONAL CENTER FOR SOCIAL STATISTICS, Health
Education, and Welfare Dept.
Washington, DC 20201**

NOTE.—The National Center for Social Statistics was established as part of Social and Rehabilitation Service to provide staff coordination, direction, and advice for all statistical activities and programs for SRS.

- 14676 Statistical report on social services, Form FS-2069, quarter ended Sept. 30, 1968. [1969.] [8] p. 4° (NCSS report E-1 (7-9/68).) [Issued with perforations.] † FS 17.628: 968-2

**NATIONAL COLLECTION OF FINE ARTS, Smithsonian
Institution, Washington, DC 20560**

- 14677 Werner Drewes woodcuts [exhibition, Aug. 15-Oct. 5, 1969], catalogue; by Carl Dreyfuss. Smithsonian Institution Press, 1969. 32 p. il. 4° [Department of] Prints and Drawings.) [Illustration on cover, Shimmering waters, is colored. Exhibition will be circulated by Smithsonian Institution Traveling Exhibition Service.] * Paper, 50c. ● Item 916 L.C. card 70-608440 SI 6.2: D 82

**NATIONAL ENDOWMENT FOR THE HUMANITIES, National
Foundation on the Arts and the Humanities, Washington, DC 20506**

- 14678 Fellowships and summer stipends for younger humanists. 1969. 1 p. f°, folded into oblong 16° (Division of Fellowships and Stipends.) †
● Item 831-B-1 NF 3.2: F 33/3
- 14679 Senior fellowships for 1970-71 [announcement; all lettered poster]. 1969. 1 p. 4° † ● Item 831-B-1 NF 3.2: F 33/2/970-71

**NATIONAL GALLERY OF ART, Smithsonian Institution
Washington, DC 20560**

- 14680 Report and studies in history of art 1968. [1969.] vi+[2]+235 p. il. 4° [Other illustrations on p. 1 and 4 of cover.] * Paper, \$2.75. ● Item 917 L.C. card 68-60053 SI 8.9: 968

**NATIONAL HIGHWAY SAFETY BUREAU, Transportation Dept.
Washington, DC 20591**

- 14681 Highway safety literature, compilation of issues numbered 1-52 issued Dec. 1967-Dec. 1968. July 1969. cover title, ii+430 p. 4° (HS 820 030.) [Pages number 13, 204-211, 237-247, and 398-402 are intentionally left blank. Text on p. 2 of cover.] † ● Item 982-D-4 TD 2.210/3: 1-52

**NATIONAL INSTITUTES OF HEALTH, Health, Education,
and Welfare Dept., Bethesda, MD 20014**

- 14682 Acquisition and development of values, perspectives on research, report of conference, May 15-17, 1968, Washington, D.C.; [prepared by Leora Wood Wells.] [1969.] xiv+65 p. (National Institute of Child Health and Human Development.) † ● Item 507 FS 2.22: V 24
L.C. card 78-603678
- 14683 Biomedical engineering, development and production, report by B.E.R.C., Biomedical Engineering Resource Corporation, Ill., to National Institute of General Medical Sciences. [July 1969.] [5]+45+[1]+46-86 p. 4° ([Contract PH-43-68-1271.]) † ● Item 507 FS 2.22: B 52/10
- 14684 Chemotherapy fact sheet: Streptozotocin (NSC-85998) [with bibliographies]. Aug. 1969. 18 p. il. 4° (Program Analysis Branch, Chemotherapy, National Cancer Institute.) † ● Item 507 FS 2.22/63: St 8
- 14685 Danger, cancer quacks. [1969.] 12 p. narrow 8° † Research Information Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD 20014 FS 2.22: C 16/31

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 75

GOVERNMENT PUBLICATIONS

- 14686 Dietetic manual for metabolic kitchen units [with bibliography; by Edith A. Jones]. [Mar. 1969.] cover title, [5]+66 p. (Nutrition Department, Clinical Center.) * Stiffboard, \$3.50. ● Item 507-H
FS 2.22/15: D 56/2
- 14687 Film guide on reproduction and development, guide to selected films on reproductive and developmental biology for graduate and undergraduate programs in biomedical sciences [with list of references to literature]; prepared by National Institute of Child Health and Human Development. [1969.] [5] leaves+66 p. il. 4° * Paper, \$1.25. ● Item 507-H
L.C. card 76-603672 FS 2.22/15: R 29
- 14688 Gerontology Research Center, National Institute of Child Health and Human Development. [Revised Aug. 1969.] [1969.] cover title, [12] p. il. † ● Item 507
FS 2.22: G 31/5
- 14689 Health professions, scholarship program, career information. [Revised Apr. 1969.] [1969.] [6] p. il. narrow 8° ([Publication 1460: Bureau of Health Professions Education and Manpower Training, Division of Health Manpower, Educational Services, Student Loan and Scholarship Branch.]) † ● Item 507
FS 2.22: Sch 6/969
- 14690 Mental health considerations in public health, guide for training and practice, [with bibliographies]; edited by Stephen E. Goldston. May 1969. xv+252 p. ([Public Health Service publication 1898].) * Paper, \$1.25. ● Item 507-H
L.C. card 72-602903 FS 2.22/15: M 52/3
- 14691 National Heart Institutes national blood resource program; [prepared by Heart Information Center, National Heart Institute]. [1969.] [2]+33 p. il. † ● Item 507
FS 2.22: B 62/2
- 14692 NIH quarterly publications list. ([Publications and Reports Branch, Office of Information, Office of Director], Public Health Service.) † ● Item 506-A
FS 2.22/13-9:(date)
July 1969—
- 14693 Perspectives on human deprivation, biological, psychological, and sociological [papers with bibliographies]. [1968.] xvii+346 p. 4° (National Institute of Child Health and Human Development.) [Detail from Mother, lithograph by Kathe Kollwitz, on cover.] * Paper, \$2.75. ● Item 507 (A 1969 reprint, xii+[1]+323 p. 8°, was sent to depository libraries.)
L.C. card 70-603475 FS 2.22: D 44
- 14694 Research advances in human transplantation. [1969.] cover title, 24 p. il. 4° * Paper, 35c. ● Item 507
FS 2.22: T 68/6
- Resources analysis memo (series).
- 14695 12. Foundations and nonprofit research institutes, support of medical research and education, 1966, 1969. June 1969. 13 p. 4° (Office of Resources Analysis, Office of Associate Director for Program Planning and Evaluation.) †
FS 2.22/27: 12
- 14696 Smallfry smiles, guide for teaching dental health in community care programs; [prepared by Alice M. Johnson, Robert L. Weiss, Miki Wilson]. [1969.] cover title, [5]+54 p. il. ([Bureau of Health Professions Education and Manpower Training, Division of Dental Health.]) †
FS 2.22/15: Sm 4

NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

- 14697 Court decisions relating to National Labor relations act, v. 14, May 1, 1963-June 30, 1964. 1969. xlv+1947 p. * Cloth, \$8.50. ● Item 825
L.C. card 44-41303 LR 1.14: 14
- 14698 33d annual report of National Labor Relations Board, fiscal year 1968. 1969. xi+244 p. il. * Paper, \$1.00. ● Item 824
L.C. card 37-26047 LR 1.1: 968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

NATIONAL LIBRARY OF MEDICINE, Health, Education, and
Welfare Dept., Bethesda, MD 20014

- 14699 Dentistry, selected list of audiovisuals. Mar. 1968, cover title, 81+[20]
p. (National Medical Audiovisual Center, Atlanta, Ga.) ‡
L.C. card 71-603419 FS 2.211/3: D 43

NATIONAL PARK SERVICE, Interior Dept.
Washington, DC 20242

- 14700 Canyonlands National Park, Utah. [Revised 1969.] [1969.] [2] p. il. 4°,
folded into narrow 24° size. ‡ ● Item 651 I 29.6: C 16/969
14701 Fort Point [National Historic Site, Calif., a proposal]. [June 1968.] 24
p. il. oblong 8° ‡ I 29.21: F 77 po/968
14702 Glacier Bay [National Monument, Alaska]. [1969.] 1 sheet (map on verso)
il. oblong 1° folded into oblong 48° * Paper, 15c. ● Item 650
I 29.21: G 45/969

Historical handbook series.

- 14703 3. Ford's Theatre and House Where Lincoln Died [with list of suggested read-
ings]; by Stanley W. McClure. [Revised 1969.] [1969.] [6]+40+[6] p. il.
* Paper, 50c. ● Item 649 I 29.58: 3/4
L.C. card 76-603534
14704 History of Star Spangled Banner from 1814 to present [with bibliog-
raphy]; by George J. Svejda. Feb. 28, 1969. [4]+vii+525 p. il. 4° (Di-
vision of History, Office of Archeology and Historic Preservation.)
[Includes lists of references in footnotes. Pages numbered 465-490 in-
clude 19 plates. Page numbered 490a has been duplicated. Title on cover
is: Fort McHenry National Monument and Historic Shrine, Baltimore,
Md.] ‡
L.C. card 76-603542 I 29.2: F 77 mc
14705 National Park Service Iowa Governor's book, 1969 [report to Governor
Robert D. Ray; prepared by Midwest Regional Office, National Park
Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
I 29.75: Io 9/969
14706 National Park Service Minnesota Governor's book, 1969 [report to Gov-
ernor Harold E. LeVander; prepared by Midwest Regional Office, Na-
tional Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
I 29.75: M 66/969
14707 National Park Service Missouri Governor's book, 1969 [report to Governor
Warren E. Hearnes; prepared by Midwest Regional Office, National
Park Service, Omaha, Nebr.] [1969.] cover title, 28 p. il. 4° ‡
I 29.75: M 69 o/969
14708 National Park Service Montana Governor's book [report to Governor
Forrest H. Anderson; prepared by Midwest Regional Office, National
Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
I 29.75: M 76/969
14709 National Park Service Nebraska Governor's book, 1969 [report to Governor
Norbert T. Tieman; prepared by Midwest Regional Office, National Park
Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
I 29.75: N 27/969
14710 National Park Service North Dakota Governor's book, 1969 [report to
Governor William L. Guy; prepared by Midwest Regional Office, Na-
tional Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
I 29.75: N 81 d/969
14711 National Park Service South Dakota Governor's book, 1969 [report to
Governor Frank L. Farrar; prepared by Midwest Regional Office, Na-
tional Park Service, Omaha, Nebr.]. [1969.] cover title, 28 p. il. 4° ‡
I 29.75: So 8 d/969

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 77

GOVERNMENT PUBLICATIONS

- 14712 North Cascades National Park, Ross Lake & Lake Chelan National Recreation Areas, Wash. [1969.] [2] p. il. large 8° folded into narrow 24° size. † ● Item 651 I 29.6: N 81 c/2/969
- 14713 North Rim, Grand Canyon National Park, Ariz. [Revised 1969.] [1969.] [2] p. il. large 8°, folded into narrow 24° size. † ● Item 651 I 29.6: G 76/16/969
- 14714 Public use of National Park System, 1872-2000; by Ronald F. Lee, with foreword by George B. Hartzog, jr. Jan. 1, 1968. [5]+93 p. 4° † L.C. card 77-603545 I 29.2: P 96/2/872-2000
- 14715 Rocky Mountain [National Park, Colo.]. [1969.] 1 sheet (with map on verso) il. oblong f°, folded into narrow 8° size. * Paper, 15c. ● Item 651 I 29.6: R 59/6/969

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

- 14716 R & D in aircraft and missiles industry; [prepared by John R. Chirichiello]. [May 1969.] viii+17 p. il. 4° (NSF 69-15; [Office of Economic and Manpower Studies.]) * Paper, 40c. ● Item S34-C NS 1.2: A1 7/957-68

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept. Washington, DC 20590

- 14717 Aircraft accident report: Ozark Air Lines, Inc., DC-9, N970Z, and Interstate Airmotive, Inc., Cessna 150F, N8669G, St. Louis, Mo., Mar. 27, 1968; adopted June 30, 1969. [1969.] [33] p. il. 4° (File 1-0012.) [Issued with perforations.] † Paper, \$3.00. TD 1.112: Sa 21
- 14718 National Transportation Safety Board. Sept. 1968. 3 p. 4° † TD 1.102: N 21
- 14719 National Transportation Safety Board annual report to Congress, 1968. [1969.] x+51 p. † L.C. card 68-61690 TD 1.101.968
- 14720 Study of collisions of radar-equipped merchant ships and preventive recommendations by National Transportation Safety Board [with bibliography]. [1969.] cover title, [1]+19 p.+[5] leaves il. 4° † TD 1.102: C 69/2
- 14721 Study of uniform reporting system for all modes of transportation in reporting incidents and accidents involving shipment of hazardous materials. Mar. 21, 1969. cover title, 15+[2] p. 4° † TD 1.102: R 29

NAVAL FACILITIES ENGINEERING COMMAND, Defense Dept. Washington, DC 20360

- Design manual DM (series). [Issued in looseleaf form.]
- 14722 4, 34. [4, Electrical engineering: 34, Administrative facilities], Changes 2, July 1968-June 1969. [1969.] [100] p. il. 4° (NAVFAC DMs 4, 34.) * Paper, \$1.00. ● Item 418-A D 209.14/2: 4.34/ch.2
- NTTC course. [NAVFAC Technical Training Center, Navy Public Works Center, Norfolk, Va.]
- 14723 150. Basic pest control technology. Jan. 2, 1969. [1]+iv+238 p. il. 4° † D 209.16: 150

NAVAL OBSERVATORY, Defense Dept. Washington, DC 20350

- Publications of Naval Observatory, 2d series, v. 19.
- 14724 pt. 2. [Results of observations made with 6-inch transit circle 1956-62, observations of sun, moon, and planets, catalog of 2,554 stars for 1950.0 corrections to FK4, GC, and N30; by A. N. Adams and D. K. Scott. 1968 [published 1969]. [1]+295-435 p. 4° † ● Item 398 D 213.10: 19/pt.2
L.C. card 72-603612

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.
Washington, DC 20390

Informal report IR (series).

- 14725 69-28. Submarine sediment investigation in vicinity of planned Sealab III habitat [with list of references; by Newell T. Stiles and Richard S. Kessler]. July 1969. cover title, v+14+A-2+[2] p. il. 4° ([Project HF05-552-305, 709-EV-RMA.]) ‡ D 203.26/2: 69-28

Publications.

D 203.22: (nos.)

- 14726 10. Change 6, Aug. 2, 1969, loose leaf change pages for correcting Sailing directions for British Columbia, v. 1, 6th edition, 1960. [1969]. [445] p. il. 4° [Formerly 175. Includes list of effective pages.] † Paper, \$1.75. ● Item 378 (Rev. 1957)
- 14727 12. Change 1, Aug. 2, 1969, loose leaf change pages for correcting Sailing directions for Nova Scotia, [Bay of Fundy and Cape Breton Island], 10th edition, 1967. [1969]. [329] p. 4° [Includes list of effective pages. Issued in looseleaf form.] † Paper, \$1.75. ● Item 378 (Rev. 1957)
- 14728 50. Sailing directions for southwest coast of Africa, Cape Palmas to Cape of Good Hope. 5th edition, 1969. [1]+xiv+325+[2] p. il. 4° [Includes list of effective pages. Issued in looseleaf form.] † Paper, \$5.50 (including ring binder); \$4.00 contents only. ● Item 378 (Rev. 1957)
- 14729 114. Change 18, List of lights and fog signals, British Isles, English Channel and North Sea; June 28, 1969. 1969. [204] p. [Includes list of effective pages.] † Paper, 50c. ● Item 378 (Rev. 1957)
- 14730 220. Navigation dictionary, 2d edition 1969. iv+292 p. * Cloth, \$3.00 ● Item 378 (Rev. 1967)
- 14731 221(128). L.C. card 71-603652
- 14732 221(223). Loran-A table, Gulf of Mexico, rate 3H1. 1968. cover title, xv+2-62 p. il. 4° [Issued in looseleaf form.] † Paper, 70c.
- 14733 221(1013). L.C. card 72-601216
- 14734 221(2009). Loran-A table, South Pacific, rate 2L2. 1967. cover title, xv+2-113 p. il. 4° [Issued in looseleaf form.] † Paper, 70c.
- 14735 606-d. L.C. card 76-603463
- 14736 1301. Loran-C table, East Coast, U.S.A., pair SS7-X. 1969. lxii+337 p. 4° [Issued in looseleaf form.] † Paper, \$2.25; with binder \$3.75. L.C. card 73-603595
- 14737 1301. Loran-C table, Northwest Pacific, pair SS3-Z. 1967. lviii+462 p. il. 4° [Issued in looseleaf form.] † Paper, \$2.25; with binder, \$3.75. L.C. card 72-603462
- 14738 1301. Oceanographic Office observers manual; Ice observations. 2d edition, 1956, rev. 1968. [1968.] 42 p. il. 4° † Paper, 45c. L.C. card 75-603286
- 14739 1301. Bathymetric atlas of northwestern Pacific Ocean; prepared by Scripps Institution of Oceanography. 1969. [1]+50 leaves, il. oblong f° [Charts compiled under direction of T. E. Chase and H. W. Menard in cooperation with Undersea Surveillance Oceanographic Center.] † Paper, \$2.00. L.C. card 78-658331

NAVAL PERSONNEL BUREAU, Defense Dept.
Washington, DC 20390

- 14737 Abstracts of dissertations, theses, and research papers submitted by candidates for degrees, 1966-67. Dec. 1968. cover title, [3]+vii+143 p. 4° (Naval Postgraduate School, Monterey, Calif.) ‡ D 208.14/6: D 63/966-87
- 14738 Aviation structural mechanic S 3 & 2 [with reading list; prepared by Navy Training Publications Center]. [1969 edition.] [1969.] cover title, iv+414 p. il. 4° (Navy training course; NAVPERS 10308-B.) ‡ ● Item 404 L.C. card 61-60369 D 208.11: Av 5/25/969
- 14739 Dental administration; Change 5. [1969.] [39] p. il. 4° (NAVPERS 10483.) [Issued in looseleaf form.] ‡ ● Item 403-A D 208.6/3: D 43/2/ch.5
- 14740 Manual of firefighting exercises; [prepared by Training Publications Division, Naval Personnel Program Support Activity, Wash., D.C., and Naval Damage Control Training Center, Naval Station, Philadelphia, Pa.]. June 1969. [1]+v+50 p. 4° (NAVPERS 92175C.) [Issued with perforations.] ‡ ● Item 403-A D 208.6/3: F 51/969

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 79

GOVERNMENT PUBLICATIONS

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- 14741 1968 annual report, Naval Research Laboratory, serving the Navy for 45 years [with list of contributions to science and technology]. [1969.] cover title, vi+138 p. il. 4° †
L.C. card 51-60868 D 210.17/2: 968

NRL reports. (Naval Research Laboratory.)

D 210.8: (nos.)

- 14742 6828. Density gradients near liquid-air interface [with list of references; by] James A. Adams, and Lyle B. Meier. Mar. 31, 1969. cover title, ii+30 p. il. 4° (NRL problem G01-02C, project Airtask WF-08-125-703.) † Paper, \$3.00 (AD 686659).
- 14743 6856. Tables of eigenvalues of wave equation in prolate spheroidal coordinates [with list of references; by] S. Hanish and B. King. Apr. 4, 1969. cover title, ii+60 p. 4° ([NRL problem S01-28, project RR 102-08-41-5225.]) † Paper, \$3.00 (AD 686658).
- 14744 6862. Corrosion of metals in tropical environments: pt. 9, Structural ferrous metals, 16 years' exposure to sea and fresh water [with list of references; by] C. R. Southwell and A. L. Alexander. Apr. 23, 1969. cover title, ii+28 p. il. 4° ([NRL problem C03-11, project RR 007-08-44-5506.]) † Paper, \$3.00 (AD 687705).
- 14745 6869. Dislocation pipe diffusion in silver single crystals [with list of references; by] R. G. Vardiman and M. R. Achter. Mar. 25, 1969. cover title, ii+12 p. il. 4° ([NRL problem M01-09, project RR 007-01-46-5407.]) † Paper, \$3.00 (AD 686661).
- 14746 6872. Estimating diameter of plasma in propulsion motor plume [with list of references; by] J. P. Weston. May 22, 1969. cover title, ii+26 p. il. overlay, 4° ([NRL problem R07-07; project RF 17-344-401-4503.]) † Paper, \$3.00 (AD 691199).
- 14747 6875. Fluorocarbon in epoxy plastics [with list of references; by] James E. Quick and James E. Griffith. Apr. 7, 1969. cover title, ii+14 p. il. 4° ([NRL problem C03-14, project RR 007-08-44-5508.]) † Paper, \$3.00 (AD 686652).
- 14748 6881. Upwind-downwind-crosswind sea-clutter measurements [with list of references; by] John C. Daley [and others]. Apr. 14, 1969. cover title, ii+16 p. il. 4° (NRL problem R02-37; project A 31533/652/69R00801020.) † Paper, \$3.00 (AD 687403).
- 14749 6886. Fire-retardant paint systems for nuclear submarine interiors [with list of references; by] T. R. Walton. May 2, 1969. cover title, ii+22 p. il. 4° ([NRL problem C08-18, project SF 35-433-002-13213.]) † Paper, \$3.00 (AD 688413).
- 14750 6887. Study of hydrogen evolution during aqueous oxidation of mild steel [with list of references; by] S. H. Smith and M. C. Bloom. June 6, 1969. cover title, ii+16 p. il. 4° ([NRL problem M04-01, project SF 51-542-601-12430.]) † Paper, \$3.00 (AD 689738).
- 14751 6890. Solubility and nickel in liquid sodium of high oxide content [with list of references; by] T. A. Kovacina and R. R. Miller. May 20, 1969. cover title, ii+14 p. il. 4° ([NRL problem C06-01, project RR 001-05-42-4850.]) † Paper, \$3.00 (AD 688780).
- 14752 6904. Optimum packing of hollow spheres in buoyancy materials; [by] P. W. Mast, L. A. Beaubien, and D. R. Mulville. June 30, 1969. cover title, iv+18 p. il. 4° ([NRL problems B01-03, F01-14, and F01-17; projects RR 003-02-41-5060, RR 009-03-45-5805, S4607-11896.]) † Paper, \$3.00 (AD 691200).
- 14753 6905. Measurement of fluoride activity and concentration in seawater using lanthanum fluoride electrode [with references; by] Theodore B. Warner. July 1, 1969. cover title, 12 p. il. 4° ([NRL problem G02-03, EE 104-03-41-5052.]) [Text on p. 2 of cover.] † Paper, \$3.00 (AD 691201).
- 14754 6909. Microwave photodiodes, sensitivity as function of bias and geometry [with list of references; by] Alan C. MacPherson. July 9, 1969. cover title, ii+10 p. il. 4° ([NRL problem R08-43, project RR 008-03-46-5672.]) † Paper, \$3.00 (AD 691202).
- 14755 6911. Surface chemistry of plastics reinforced by strong fibers [with list of references; by] W. A. Zisman. May 14, 1969. cover title, ii+28 p. il. 4° ([NRL problem C02-10, project RR 001-01-43-4751.]) † Paper, \$3.00 (AD 688103).

NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 14756 Antarctic highlights, U.S. Navy Operation Deep Freeze [1969.] cover title, 21 p. il. narrow 8° ([U.S. Naval Support Force, Antarctica.]) [Page 21, on p. 3 of cover.] * Paper, 25c. • Item 373-A D 201.15/2: An 8
- 14757 [This entry number not used.]

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 14758 Department of Navy RDT & E management guide [with annotated references lists]. [Revised] July 1, 1969. [1969.] cover title, [273] p. il. 4° (NAVSO P-2457 (Rev. 7-69).) [Text on p. 2-3 of cover. Issued with perforations.] * Paper, \$2.50. ● Item 370-A D 201.6/12: M 31/969
- 14759 Report of Operation Deep Freeze 68 [operating season] 1967-68, U.S. Navy task force 43. [May 10, 1968.] cover title, [108] p. il. 4° ([U.S. Naval Support Force, Antarctica.]) ‡
L.C. card 76-603648 D 201.15/2: Op 2/968
- 14760 Report of Operation Deep Freeze 69 [operating season] 1968-69, U.S. Navy task force 43. [May 28, 1969.] cover title, [84] p. il. 4° ([U.S. Naval Support Force, Antarctica.]) ‡
L.C. card 77-603691 D 201.15/2: Op 2/969

ORDNANCE CORPS (Army), Defense Dept. Washington, DC 20310

HDL [Harry Diamond Laboratories] technical disclosure bulletins.
D 105.14/4: (nos.)

- 14761 11. Universal wire stripper; [by] George Lemberos. Aug. 29, 1968. 1 p. il. 4° ‡
14762 12. Transistor series amplifier; [by] Thomas D. McCall. Sept. 10, 1968. 1 p. il. 4° ‡ Public Information Officer, U.S. Army Materiel Command, Washington, DC 20438
- 14763 13. Flashbulb spotting round for testing proximity fuzes; [by] Thomas I. Hannold. May 28, 1969. 1 p. il. 4° ‡ Public Information Officer, U.S. Army Materiel Command, Washington, DC 20438

PACIFIC SOUTHWEST INTER-AGENCY COMMITTEE

NOTE.—The Pacific Southwest Inter-Agency Committee (PSIAC) was established in 1955, replacing the Pacific Southwest Inter-Agency Technical Committee. By executive action of President Johnson in 1966, PSIAC became a field committee of the Federal Water Resources Council. The nine Federal agencies on PSIAC are: Agriculture; Army; Commerce; Federal Power Commission; Health, Education, and Welfare; Housing and Urban Development; Interior; Labor; and Transportation.

- 14764 This land, this water, this west. [1969.] [12] p. il. narrow 8° ([Coordinated Planning Subcommittee.]) ‡
Y 3.P 11/2: 2 L 22

PATENT OFFICE, Commerce Dept. Washington, DC 20231

- 14765 Manual of patent examining procedure [3d edition, Nov. 1961, revised pages]. [Rev. July 21, 1969.] [1969.] [83] p. 4° [Includes instructions regarding revision no. 21. Issued in looseleaf form.] * Paper, \$8.50 (including basic manual and supplementary material for an indefinite period); \$2.50 additional for foreign mailing.
C 21.15: 961/rev.notice 21
- 14766 Q&A about plant patents, answers to questions frequently asked about plant patents. [1969.] [12] p. il. ‡ ● Item 254 C 21.2: P 69/2

POST OFFICE DEPARTMENT Washington, DC 20260

[Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 14767 6-cent football commemorative postage stamp will be first placed on sale Sept. 26, 1969, at New Brunswick, N.J. 1969. 10.5 x 8 in. P 1.26/2: F 73/2
- 14768 6-cent professional baseball commemorative postage stamp will be first placed on sale at Cincinnati, Ohio, on Sept. 24, 1969. 1969. 10.5 x 8 in. P 1.26/2: B 29
- 14769 10-cent moon landing commemorative air mail postage stamp will be first placed on sale at Washington, D.C., on Sept. 9, 1969. 1969. 10.5 x 8 in. P 1.26/2: M 77

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 81

GOVERNMENT PUBLICATIONS

- 14770 Directory of international mail; Sept. 5, 1969. [1969.] [473] p. (POD publication 42.) [Includes transmittal letter 74. Issued in looseleaf form.]
 * Paper, \$5.00 (including basic book with binder and changes for an indefinite period); \$1.50 additional for foreign mailing; also sold without binder, \$2.50; \$1.00 additional for foreign mailing. ● Item 839
 P 1.10/5: 969

[Public information] PI-(series).

- 14771 19. Mail fraud laws . . . protecting consumers, investors, businessmen, medical patients, students. [June 1969.] [3]+20 p. il. (Chief Postal Inspector.)
 * Paper, 15c. ● Item 837-B P 1.36/2: 19/4
- 14772 Remarks by Postmaster General Winton M. Blount at 1st day ceremonies moon landing commemorative air mail stamp, Washington, D.C., at National Postal Forum III, Sept. 9, 1969. 1969. 4 leaves, 4° (Information Service, General release 135.) † P 1.27: B 62/2

PRESIDENT OF UNITED STATES Washington, DC 20501

- 14773 Making it, [stay ahead, stay in school]. [1969.] [8] p. il. 12° ([President's Council on Youth Opportunity.]) † President's Council on Youth Opportunity, 801 19th St., NW, Washington, DC 20506 ● Item 851-J
 Pr 36.8: Y 8/M 2S
- 14774 Physical fitness clinics 1969-1970. [1969.] [8] p. il. 4° (President's Council on Physical Fitness & Sports.) † President's Council on Physical Fitness and Sports, Room 4049, North HEW Bldg., Washington, DC 20201.
 ● Item 851-J Pr 36.8: P 56/C 61/969-70

PRISONS BUREAU, Justice Dept. Washington, DC 20537

- 14775 Basic data book, 1968. 10th edition. [1969.] cover title, [1]+iii+59 leaves, il. oblong 8° †
 L.C. card 75-600801 J 16.24: 968

PUBLIC BUILDINGS SERVICE, General Services Administration Washington, DC 20405

- 14776 Building operational review guide. June 11, 1969. cover title, [233] p. 4° (PBS P 5800.32; GSA handbook.) [Issued in looseleaf form with marginal index tabs on blank cardboard showing titles. Cancels PBS P 5800.18A.] † ● Item 580 GS 6.6/2: B 86

PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, DC 20402

- 14777 List of classes of United States Government publications available for selection by depository libraries. Revised July 1, 1969. [1969.] 28 leaves, 4° † ● All depositories GP 3.24: 969

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

- 14778 An ambulatory service data system [system of records and statistics for outpatient clinics as basis for administration and research, with list of references; by E. Richard Weirnerman and others]. [May 1969.] cover title, ii+140 p. 4° ([Health Services and Mental Health Administration, Community Health Service, Division of Health Care Services, Arlington, Va.]) [Text on p. 2 of cover. Report to Division of Medical Care Administration, Public Health Service, of work completed under contract PH 108-65-56, from Office of Ambulatory Services, Yale-New Haven Hospital and Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven, Conn.] † ● Item 485
 FS 2.2: Am 1/2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Analytical Reference Service study.

- 14779 34. Water metals no. 4 [with bibliographies; by] R. J. Lishka and J. H. Parker. 1969. xv+82 p. il. ([Publication 1910.]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Cincinnati, Ohio 45202.) [Abstract cards attached.] † ● Item 488-F
FS 2.300/5: 34
- 14780 Annual statistical review, hospital and medical services, fiscal year 1967: Public Health Service Indian and Alaska native hospitals, contract hospitals, field health. Dec. 1967. iii+26 p. il. 4° (Division of Indian Health, Office of Program Planning and Evaluation, Program Analysis and Statistics Branch.) ‡
L.C. card 77-603273 FS 2.86/6: 967
- 14781 Be safe, be seen; let's shed some light on pedestrian safety. [1969.] [4] p. il. narrow 8° ([Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Community Environmental Management, Cincinnati, Ohio.]) * Paper, \$2.00 per 100; single copy, 5c. ● Item 485 FS 2.2: P 34/2
- 14782 Bibliography on suicide and suicide prevention [by] Norman L. Farberow. 1969. iii+[2]+203 p. 4° ([Publication 1979; Health Services and Mental Health Administration]; National Institute of Mental Health.) * Paper, \$1.75. ● Item 506-A
L.C. card 72-603470 FS 2.22/13: Su 3
- 14783 Classification of approved community health projects by broad areas of activity. Revised June 30, 1967. [1968.] [7]+xviii+187 p. 4° (Bureau of Disease Prevention and Environmental Control.) ‡ FS 2.2: C 73/17
- 14784 Control of domestic rats & mice [with list of selected references; by] Bayard F. Bjornson, Harry D. Pratt, and Kent S. Littig. 1956, revised 1968. 1969. vi+41 p. il. 4° (Publication 563; training guide, rodent control series, Consumer Protection and Environmental Health Service, Environmental Control Administration.) † ● Item 496-A
L.C. card 70-603527 FS 2.6/2: R 18
- 14785 Current listing of vital and health statistics series, PHS publication 1000, Dec. 31, 1968. [1969.] 6 p. 4° ([Office of Information], National Center for Health Statistics, Health Services and Mental Health Administration.) † FS 2.85/2: list/968
- 14786 Definition and measurement of mental health [with list of references; by] S. B. Sells, editor. 1968 [published 1969]. [4]+280 p. il. ([Publication 1873]; Health Services and Mental Health Administration, National Center for Health Statistics.) [Symposium supported by contract 86-65-107.] * Cloth, \$3.00. ● Item 508
L.C. card 73-603674 FS 2.102: M 52
- 14787 Division of Indian Health, annual discharge summary, fiscal year 1965; [Prepared by] Program Analysis and Statistics Branch, Office of Program Planning and Evaluation. Jan. 1968. xxxiii+51 p. il. 4° (Bureau of Health Services.) ‡
L.C. card 77-603762 FS 2.86/7: 965
- [Emergency health series.]
- 14788 A-10. Emergency health services glossary. June 1969. 61+101 p. il. 4° ([Publication 1071 A-10]; Health Services and Mental Health Administration, Division of Emergency Health Services.) * Paper, \$1.00. ● Item 486-E
L.C. card 71-603695 FS 2.802: A-10
- 14789 Emergency medical supplies, hospital reserve disaster inventory. [1969.] cover title, 16 p. il. oblong 24° (Division of Emergency Health Services.) † ● Item 485 FS 2.2: Em 3
- Environmental health series: Radiological health.
- 14790 RH-36. Evaluation of radium contamination in aircraft instrument repair facilities [with list of references]. May 1969. x+37 p. il. ([Publication 999-RH-36]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Radiological Health.) [Abstract cards attached.] † ● Item 483-F
L.C. card 71-601118 FS 2.300: RH-36

✦For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Environmental health series: Water supply and pollution control. (Division of Water Supply and Pollution Control.)

- 14791 WP-38. Role on bottom-dwelling macrofauna in water pollution investigations [with bibliography]; by Lowell E. Keup, William M. Ingram, and Kenneth M. Mackenthun. 1968. v+23 p. il. (Technical Services Branch, Robert A. Taft Sanitary Engineering Center. Publication 999-WP-38.) [Accompanied by abstract cards.] † Publications Office, Robert A. Taft Sanitary Engineering Center, Cincinnati, OH 45226 L.C. card 67-60116 FS 2.300: WP-38
- 14792 Federal Health Programs Service annual statistical summary, fiscal year 1968: pt. 2, Diagnostic and demographic data. [1969.] cover title xv+189 p. il. 4° ([Publication 1889-A.]; Health Services and Mental Health Administration, Federal Health Programs Service, Data Management Branch.) † ● Item 494-C L.C. card 75-601178 FS 2.18/2: 968/pt.2
- 14793 Influenza, NCDC fact sheet. [1969.] cover title, [11] p. il. narrow 8° ([Health Services and Mental Health Administration, National Communicable Disease Center, Atlanta, Ga.]) † FS 2.60/2: In 3/2
- 14794 Kidney disease, prevention and control, guidelines for community programs of chronic disease control [with bibliography]. May 1969. iii+31 p. 4° (Health Services and Mental Health Administration, Kidney Disease Control Program, Division of Chronic Disease Programs, Regional Medical Programs Service, Arlington, Va.) * Paper, 40c ● Item 496-A L.C. card 78-603469 FS 2.6/2: K 54/2
- 14795 Kidney disease services facilities and programs in United States. May 1969. vi+229 p. ([Publication 1942]; Health Services and Mental Health Administration, Kidney Disease Control Program, Division of Chronic Disease Programs, Regional Medical Programs Service.) * Paper, \$1.00. ● Item 485 FS 2.2: K 54/6
- Mental health statistics: Series A, Mental health facilities report. (National Institute of Mental Health, Health Services and Mental Health Administration.)
- 14796 2. Patients in State and county mental hospitals 1967: [by Morton Kramer]. [1969.] iii+89 p. il. 4° ([Publication 1921; National Clearing House for Mental Health Information.]) * Paper \$1.00. ● Item 491-A L.C. card 78-603651 FS 2.53/2-2: A/2
- National Air Pollution Control Administration publication ADTD (series). (Consumer Protection and Environmental Health Service.)
- 14797 69-3. 1964 data tabulations and summaries, continuous air monitoring projects, National Air Surveillance Networks, Chicago, Cincinnati, Philadelphia, St. Louis, Washington, D.C. May 1969. vi+456 p. 4° † Office of Technical Information and Publications, National Air Pollution Control Administration, U.S. Department of Health, Education, and Welfare, 801 North Randolph Street, Arlington, VA 22203. ● Item 483-E L.C. card 73-603682 FS 2.93/3-2: 69-3
- 14798 National Communicable Disease Center foodborne outbreaks, annual summary, 1968. [1969.] cover title, [2]+40 p. il. 4° ([Enteric Diseases Section, Epidemiology Program, National Communicable Disease Center, Atlanta, Ga.]) [Text on p. 2 of cover.] † FS 2.60/18: 968
- 14799 Pictorial keys to arthropods, reptiles, birds and mammals of public health significance [with list of selected references]. [June 1969.] iv+192 p. il. 4° ([Publication 1955]; Health Services and Mental Health Administration, National Communicable Disease Center, Atlanta, Ga.) [Issued in looseleaf form.] * Paper, \$2.25. ● Item 505-A L.C. card 74-603677 FS 2.60/7: Ar 7/2
- 14800 Proceedings of Public Health Service cooperative Studies, Renal disease and hypertension: v. 6, 8th annual conferences, May 1969, Atlantic City, N.J. (Hypertension) and June 1969, Boston, Mass. (Pyelonephritis). [1969.] xi+123 p. 4° (Federal Health Programs Service.) † ● Item 485 L.C. card 65-61307 FS 2.2: R 29/2/v.6

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 14801 Psychopharmacology bulletin, special issues: Studies on effectiveness of antidepressant drugs [with bibliography, by] Aaron Smith, Elizabeth Traganza, Grace Harrison; [editors Alice A. Leeds, David D. Swenson]. Mar. 1969. cover title, 53 p. 4° (National Institute of Mental Health, National Clearinghouse for Mental Health Information [Health Services and Mental Health Administration].) [Prepared by Psychopharmacology Research Branch. Text on p. 2 of cover.] * Paper, 55c. ● Item 507-Z-1 FS 2.22/29: An 8
- 14802 Psychotropic drugs and related compounds, supplement 1 (addenda and errata) [with list of references; by] Earl Usdin, and Daniel H. Efron. June 1969. [2]+148 p. il. ([Publication 1589-A; National Clearinghouse for Mental Health Information], Pharmacology Section, Psychopharmacology Research Branch, National Institute of Mental Health, Health Services and Mental Health Administration.) * Paper, 65c. ● Item 507 L.C. card 67-61617 FS 2.22: D 84/6/supp.1
- 14803 Report for consultation on Steubenville-Weirton-Wheeling air quality control region (Ohio, West Virginia). Aug. 1969. cover title, 46 p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 483-E L.C. card 77-600866 FS 2.93/5: St 4
- 14804 Report on Federal-State-industry cooperative Savannah River water quality studies, 1956-65 [with selected bibliography]; by Savannah River Advisory Board. Nov. 1967 [published 1969]. [1]+xiii+173 p. il. 4° † ● Item 485 L.C. card 70-603609 FS 2.2: Sa 9/956-65
- 14805 Representative construction costs of Hill-Burton hospitals and related health facilities, Jan.-June 1968. [1969.] iii+69 p.+[2] leaves, oblong 12° (Division of Hospital and Medical Facilities, Architectural, Engineering, and Equipment Branch, Silver Spring, Md.) ‡ L.C. card 75-603531 FS 2.74/6: 968
- 14806 Schools offering nurse traineeships for full-time academic study, 1969-70, under professional nurse traineeship program of Public Health Service. [Revised July 1969.] [1969.] 20 p. (Supplement A to publication 1154-1; [Bureau of Health Professions Education and Manpower Training, Division of Nursing].) † ● Item 485 FS 2.2: N 93/38/supp.-2/969
- 14807 Smoker's self-testing kit [tests and interpretation of test scores; developed by Daniel Horn, and members of Clearinghouse staff]. [Revised June 1969.] [1969.] [12] p. ([Publication 1904, National Clearinghouse for Smoking & Health, Health Services and Mental Health Administration, Regional Medical Programs Service, Division of Chronic Disease Programs.]) * Paper, 10c. ● Item 496-A FS 2.6/2: Sm 7/3/969-2
- 14808 Sociologists and anthropologists, supply and demand in educational institutions and other settings; [prepared by Surveys Research Corporation, of Washington, D.C.]. 1969. x+164 p. il. 4° ([Publication 1884; Health Service and Mental Health Administration, National Clearinghouse for Mental Health]. National Institute of Mental Health, Division of Manpower and Training Programs, Manpower and Analytic Studies Branch.) * Paper, \$1.50. ● Item 507 L.C. card 75-603653 FS 2.22: So 1/7
- 14809 Summaries of solid wastes program contracts, July 1, 1965-June 30, 1968; [by] Clarence A. Clemons and Ralph J. Black. 1969. v+46 p. 4° ([Publication 1897; Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Solid Waste Management.]) * Paper, 65c. ● Item 485 L.C. card 71-603557 FS 2.2: So 4/11/965-68
- 14810 Training Institute of Environmental Control Administration, bulletin of courses, July 1969-Dec. 1970. 68+[12] p. il. 4° (Consumer Protection and Environmental Health Service.) ‡ FS 2.92/4: 969-70

GOVERNMENT PUBLICATIONS

Vital and health statistics: Series 1, Programs and collection procedures.
(National Center for Health Statistics.)

- 14811 8. Plan and operation of Health Examination Survey of U.S. youths 12-17 years of age [with list of references]. Sept. 1969. vi+80 p. il. 4° ([Publication 1000, series 1, no. 8; Division of Health Examination Statistics.])
* Paper, 75c. • Item 500-E
L.C. card 76-602407 FS 2.85/2:1/no.8

Vital statistics of United States, 1967. ([National Center for Health Statistics, Division of Vital Statistics.])

- 14812 v. 2. Mortality, pt. B. 1969. [4]+563 p. 4° * Cloth, \$6.50. • Item 510
L.C. card 40-26272 FS 2.112: 967/v.2/pt.B

PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

- 14813 Balanced freeway design [with list of references]; by I. C. Jenkins, Chief, Design Branch, Highway Standards and Design Division, Bureau of Public Roads, presented at Kansas Highway Engineering Conference, Manhattan, Kans., Mar. 28, 1969. [1969.] 25 leaves, 4° ‡
TD 2.119: J 41

Highway planning technical report.

- 14814 13. Evaluation of bias in license plate traffic survey response [with one reference; by Howard McCann, Gary Marling]. July 1969. cover title, 16 p. il. 4° ‡
TD 2.120: 13
- 14815 Literature references to highways and their environmental considerations. July 1, 1969. cover title, xiv+80 p. 4° [Environmental Development Division, Office of Right-of-Way and Location.] ‡
L.C. card 71-603293 TD 2.123: L 71

- 14816 New developments in highways, design, economics, environment, hydraulics, maintenance, management, materials, right-of-way, structures, traffic, newsbriefs for highway managers and practicing engineers. May 1969. [7] p. narrow large 8° ‡
TD 2.124: 969

- 14817 Opportunities as professional highway engineer. Sept. 1968. [8] p. il. narrow 8° ‡
TD 2.102: H 53/968

- 14818 Proceedings, national conference, [AASHO], American Association of State Highway Officials, Committee on Electronics, Seattle, Wash., May 6-7, 1969 [papers, with lists of references]. May 1969. cover title, v+237 p. il. 4° ([Office of Research and Development.]) [Sponsored in cooperation with U.S. Department of Transportation, Federal Highway Administration, Bureau of Public Roads and Washington Department of Highways.] ‡ • Item 265-G
L.C. card 68-61097 TD 2.125: 969

- 14819 Rest area use study manual. May 1969. cover title, [1]+39+[14] p. 4° ‡
TD 2.108: R 31/969

- 14820 Skid resistance studies by Public Roads Bureau [paper]; by D. W. Loutzenheiser [and others], for presentation at Committee on Design, American Association of State Highway Officials, Minneapolis, Minn., Dec. 6, 1968. [1969.] [1]+9 p. 23 pl. 4° ‡
TD 2.102: Sk 3

- 14821 Structural systems in support of highway safety [with list of references]; by F. J. Tamanini and John G. Viner. [1969.] [2]+30 p. il. 4° [Structures and Applied Mechanics Division, Office of Research and Development.] [Prepared for presentation at American Society of Civil Engineer's national meeting on transportation engineering, Wash., D.C., July 21-25, 1969.] ‡
TD 2.102: St 8

- 14822 Tor-Shok, reusable energy absorbing protective barrier [with bibliography]; by Gerry Bley. May 1969. [61] p. il. 4° ‡
TD 2.102: T 63

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

RAILROAD RETIREMENT BOARD
Chicago, IL 60611

- 14823 Railroad Retirement Board, 1968 annual report for fiscal year. [1969.]
vii+170 p. il. [Also issued as H. doc. 27, 91st Cong., 1st sess.] * Paper,
\$1.00. • Item 858
L.C. card 37-26201
RR 1.1: 968

RECLAMATION BUREAU, Interior Dept.
Washington, DC 20240

- 14824 Ainsworth unit, Nebr., Sandhills division, Missouri River Basin project.
[1969.] 10 p. il. narrow 8° † I 27.2: A1 6/969
- 14825 Application of strain gages in Bureau of Reclamation test programs; by
Gilbert L. Butler. [1968.] cover title, [1]+13 leaves, 19 pl. 4° [Preprint
of paper prepared for presentation at 1968 fall meeting of Western
Regional Strain Gage Committee, Denver, Colo., Sept. 23-24, 1968.] †
I 27.2: St 8/3
- 14826 Asphaltic membranes for water seepage control; by L. M. Ellsperman and
W. R. Morrison. [1969.] cover title, [1]+43 p. il. 4° (Office of Chief
Engineer, Denver, Colo.) [Paper to be presented at symposium on New
uses for asphalts Division of Petroleum Chemistry, Inc., American Chem-
ical Society, Atlantic City, N.J., Sept. 8-13, 1968.] † I 27.2: As 6
- 14827 Atmospheric water resources program, Project Skywater, special park
range cooperative experiment no. 1, Jan. 15-Feb. 19, 1968, summary
report. [1968.] cover title, vii+207 p. il. 9 pl. 4° † I 27.2: Sk 9/3
- 14828 Colossal generating units at third powerplant, Grand Coulee Dam; by
Carlos G. Bates. [1968.] [1]+6 leaves 4° [Paper presented at Western
Water and Power Symposium, Los Angeles, Calif., Apr. 8-9, 1968.]
(Office of Chief Engineer.) † I 27.2: G 76/11
- 14829 Controlling expansion of desiccated clays during construction [with list
of references]; by J. P. Bara. [1969.] cover title, 17+[10] leaves, 4°
[Paper to be presented at 2d International Research and Engineering
Conference on Expansive Clay Soils at Texas A&M University, College
Station, Tex., Aug. 17-19, 1969.] † I 27.2: C 57
- 14830 Coordination of water resources research, report of meeting between Agri-
cultural Research Service, Department of Agriculture and Bureau of
Reclamation, Department of Interior, Aug. 28 and 29, 1967. [1969.] [88]
p. 4° (Office of Chief Engineer, Denver, Colo.) †
L.C. card 79-603646 I 27.2: W 29/8/967
- 14831 Davis Dam and powerplant. [1969.] [10] p. il. narrow 8° † • Item 660
I 27.2: D 29/3/969
- 14832 Equal opportunity in Bureau of Reclamation, affirmative program of man-
power utilization. [1969.] [2]+iii+16 p. † I 27.2: Eq 2/969
- 14833 Gamma probe calibration tests; by Joe M. Lara. Mar. 1968. [21] leaves,
il. 4° (Office of Chief Engineer, Sedimentation Branch, Division of
Project Investigations, Denver, Colo.) † I 27.2: G 14
- 14834 Hungry Horse project [Mont.]. [1969.] [12] p. il. narrow 8° † • Item 660
I 27.2: H 89/3/969
- 14835 Improved appearance of power transmission facilities; by Edwin Rose
and Dwight A. Covington. 1968. 42 leaves. il. 4° [Paper for Environ-
mental Engineering Conference, Aesthetics in Power Projects session,
Power Division of American Society of Civil Engineers, Chattanooga,
Tenn., May 13-17, 1968.] † I 27.2: P 87/5
- 14836 Project Skywater, first 7 years. [1969.] cover title, [4] p. (Office of Atmos-
pheric Water Resources, Office of Chief Engineer, Denver, Colo.) †
I 27.2: Sk 9/2

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 87

GOVERNMENT PUBLICATIONS

- 14837 Project Skywater, proceedings: Skywater Conference 5, Scientific review plans and design of Colorado River basin pilot project, with appendix, design changes and decisions, atmospheric water resources program. Feb. 1969. [5]+xi+235+[23] p. il. 4° ([Office of Atmospheric Water Resources.]) ‡
L.C. card 77-603249 I 27.2: SK 9/969
- 14838 Reclamation lakes, region 2. [1969.] [2] p. il. oblong 8° folded into narrow 8° size. ‡ ● Item 660 I 27.2: R 24/14/969
[Research] report. (Water resources technical publication.)
- 14839 17. Soil as an engineering material [with list of references]: by Wesley G. Holts. [1st printing 1969.] [1969.] vi+45 p. il. 4° *Paper, 55c. ● Item 664-B I 27.54: 17
L.C. card 75-603610
- 14840 Spectral analysis, prototype study; by H. T. Falvey and D. L. King. [1969.] cover title, [1]+9 p. il. 8 pl. 4° (Office of Chief Engineer, Denver, Colo.) [Paper to be presented at annual Hydraulics Division Conference of American Society of Civil Engineers, Logan, Utah, Aug. 20-22, 1969.] ‡ I 27.2: Sp 3
- 14841 Sprinkler irrigation, soils, climate, and land classification [with list of literature cited]; by John T. Maletic. [1968.] cover title, 18 leaves, il. 4° [Paper for presentation at 1968 annual Technical Conference, Sprinkler Irrigation Association, Denver, Colo., Feb. 27, 1968.] ‡ I 27.2: Ir 7/14
- 14842 Statistical compilation of storage dams and reservoirs on Bureau of Reclamation projects. June 30, 1968. [37] leaves. ‡ I 27.2: St 7
- 14843 Value of desalted water for irrigation [joint research study with list of selected references]; prepared by Offices of Chief Engineer and Region 3. June 30, 1969. [5]+xii+158 p. il. 4° (Research contract 14-01-0001-1241.) [Prepared for Office of Saline Water.] ‡ I 27.2: D 45/3
L.C. card 79-603689
- 14844 Water for future of Kansas, Kansas basins project: interim report 2 [Investigation schedule]. May 1968. cover title, ii+23 leaves, 2 pl. 4° (Bureau of Reclamation regions 5 and 7.) [Prepared in cooperation with Kansas Water Resources Board.] ‡ I 27.2: K 13/no.2
- 14845 Yellowtail [unit of Missouri River Basin project]. [1969.] [10] p. il. narrow 8° ‡ ● item 660 I 27.2: Y 3/5/969

REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- 14846 For the disabled, help through rehabilitation. [Revised May 1969.] [1969.] [16] p. il. narrow 8° ‡ ● Item 529 FS 17.102: D 63/969
- 14847 Opportunities for the hard of hearing and the deaf. [Revised May 1969.] [1969.] [20] p. il. narrow 8° ‡ ● Item 529 FS 17.102: H 21/969
- 14848 Opportunity, help for the mentally retarded. [Revised May 1969.] [1969.] 20 p. il. narrow 8° ‡ ● Item 529 FS 17.102: M 52/2/969
- 14849 Proceedings, National Conference for Coordinating Rehabilitation and Education Services for the Deaf, New Mexico State University, Las Cruces, N. Mex., Nov. 6-9, 1967. [7]+71 p. 4° (Sponsored in cooperation with Office of Education.) ‡ FS 17.102: D 34
L.C. card 74-603433

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

- 14850 Report of Administrator, Rural Electrification Administration, [fiscal year] 1968. [2]+53 p. *Paper, 25c. ● Item 115 A 68.1: 968
L.C. card 37-26237

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

**SECRET SERVICE, Treasury Dept.
Washington, DC 20220**

- 14851 Use of illustrations and motion-picture films and slides of paper money, postage and revenue stamps, and other obligations and securities of United States and foreign governments. Revised July 22, 1968. [1968.] 7 p. 4° † T 34.2: M 74/3/968

**SELECTIVE SERVICE SYSTEM
Washington, DC 20435**

- 14852 Semi-annual report of director of selective service, for period July 1 to Dec. 31, 1968, to Congress of United States, pursuant to Military selective service act of 1967. Jan. 15, 1969. vi+45 p. il. * Paper, 25c. ● Item 1076 L.C. card 52-60414 Y 3.Se 4: 1/968-2
- 14853 You and the draft. [Revised Apr. 3, 1969.] [1969.] 6 p. narrow 8° ([SSS form 137.]) † ● Item 1075 Y 3.Se 4: 2 D 78/969

**SHIP STRUCTURE COMMITTEE
Washington, DC 20226**

SSC (series).

- 14854 198. Flame straightening and its effect on base metal properties [with list of references]; by H. E. Pattee, R. M. Evans, and R. E. Monroe. Aug. 1969. iv+31+[2] p. il. 4° (Coast Guard Headquarters.) [Summary report on Project SR-185, Straightening distorted weldments, under Navy Department Naval Ship Engineering Center contract N00024-68-C-5324. Text on p. 2 of cover.] † Paper, \$3.00. Y 3.Sh 6: SSC-198

**SMALL BUSINESS ADMINISTRATION
Washington, DC 20416**

Management aids for small manufacturers.

- 14855 202. Discover and use your public library; by Marie Boerum. July 1969. 7 p. il. 4° † SBA 1.10: 202

Small business bibliography.

- 14856 21. Variety stores; [by Sidney Hollander, jr.]. May 1969. 8 p. il. 4° † ● Item 901-K L.C. card 77-603667 SBA 1.3: 21/4

**SMITHSONIAN INSTITUTION
Washington, DC 20560**

Astronomical papers translated from the Russian (Astrophysical Observatory, Cambridge, Mass.) † SI 1.12/4: (nos.)

- 14857 12. Observations of artificial earth satellites, no. 2, 1963; translated by Stuart W. Kellogg. May 1968. vi+262 p. il. 4° [Published by Polish Academy of Sciences Committee for International Geophysical Cooperation, Warsaw 1963]. (611-3.)
- 14858 13. Observations of chromospheric spicules in H_α and H_ε 1 3888.65 Å lines [with list of references; by] K. I. Nikolskaya, translated by Jay M. Pasachoff. Aug. 30, 1968. [1]+8 leaves, il. 4° [From Solnechnye dannye, no. 5, 1967.]

Smithsonian contributions to paleobiology.

- 14859 1. New Permian brachiopods from west Texas [with list of literature cited; by] G. Arthur Cooper and Richard E. Grant. Smithsonian Institution Press, 1969. [2]+20+[2] p. il. 5 pl. 4° [Publication of this paper supported by Charles D. and Mary Vaux Walcott Research Fund.] † L.C. card 79-603670 SI 1.30: 1

Smithsonian contributions to zoology.

- 14860 20. Five species of deep-water cyclopoid copepods from plankton of Gulf of Alaska [with list of literature cited; by] Gayle A. Heron and David M. Danker. 1969. [2]+24 p. il. 4° * Paper, 40c. ● Item 910-D L.C. card 73-603658 SI 1.27: 20

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

Actuarial notes. †

FS 3.19/2:(nos.)

- 14861 55. SMI benefit experience for 1966-68 as shown on payment records; by Robert J. Myers. Aug. 1969. [4] p. 4°
- 14862 56. Accrued cost of SMI program for 1966 and 1967; by Robert J. Myers. Aug. 1969. [3] p. 4°
- 14863 57. Current experience of SMI program on cash basis; by Robert J. Myers. Aug. 1969. 2 p. 4°

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 14864 Habitat management for elk. [Boise, Idaho, June 1969.] 3 p. il. 4° †
A 57.56: E1 5
- 14865 Habitat management for mule deer. [Boise, Idaho, June 1969.] 4 p. il. 4° †
A 57.56: M 89
- 14866 Idaho's soil surveys, soils and people, what they can do for you. [1969.]
[6] p. il. large 8° [Some illustrations are colored.] † Soil Conservation
Service, PO Box 38, Boise, ID 83701 A 57.2: Id 1/2
- 14867 Muskrat. [Boise, Idaho, June 1969.] 2 p. il. 4° † A 57.2: M 97
- 14868 National Plant Materials Center, Beltsville, Md., 1968 annual report.
[1969.] cover title, [3]+31 leaves, 4° [Illustration on p. 1 of cover.] †
A 57.54: 968
- 14869 Pond management for trout. [Boise, Idaho, June 1969.] 4 p. il. 4° †
A 57.2: T 75
- 14870 Red fox. [Boise, Idaho, June 1969.] 2 p. il. 4° † A 57.2: R 24
- 14871 Resource planning in Wyoming; how soil surveys help. Casper, Wyo., 1969.
[2] p. il. f° folded into narrow 8° size. † A 57.2: W 99
- 14872 Soil and water conservation districts, status of organization, by States,
approximate acreage, and farms in organized districts. July 1, 1969.
[7] leaves il. 4° [Issued with perforations.] † A 57.32: 969
- 14873 Soil and water conservation in Texas. Revised Apr. 1967. Temple, Texas
[1968.]. 20 p. il. 4° † A 57.2: So 3/47
- 14874 Soil survey: Gallatin County, Ill. [with list of literature cited; by Donald
L. Wallace and others]. Sept. 1969. cover title, 1+136 p.+[4] leaves, il.
35 p. of pl. and maps 4° [Prepared in cooperation with Illinois Agricul-
tural Experiment Station. Text on p. 2 of cover. One map is colored.]
* Paper, \$3.25. ● Item 102 (Rev. 1957)
L.C. card 77-603608 A 57.38: G 13
- 14875 — Lake County, Tennessee [with list of literature cited; by William T.
Brown and others]. Sept. 1969. cover title, [1]+39 p. il. 1 tab. 30 p.
of pl. and maps 4° [Prepared in cooperation with Tennessee Agri-
cultural Experiment Station. Text on p. 2 of cover. One map is colored.]
* Paper, \$1.75. ● Item 102 (Rev. 1957).
L.C. card 72-603438 A 57.38: L 14
- 14876 — McPherson County, Nebr. [with lists of literature cited; by Lester E.
Sherfey]. Jan. 1969. cover title, 1+35 p. 34 p. of pl. and maps 4° [Pre-
pared in cooperation with University of Nebraska, Conservation and
Survey Division. Text on p. 2 of cover.] * Paper, \$2.00. ● Item 102
(Rev. 1957)
L.C. card 78-600964 A 57.38: M 24
- 14877 — Montgomery County, Ill. [with list of literature cited; by C. E. Downey
and R. T. Odell]. Aug. 1969. cover title, 1+94 p. 122 p. of pl. and maps,
1 tab. 4° [Prepared in cooperation with Illinois Agricultural Experiment
Station. Text on p. 2 of cover. One map is colored.] * Paper,
\$6.75. ● Item 102 (Rev. 1957)
L.C. card 75-603251 A 57.38: M 76/2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14878 — Perry County, Ind. [with list of literature cited; by John R. Robbins, jr. Sept. 1969. cover title, i+70 p. il. 74 p. of pl. and maps 1 tab. 4° [Prepared in cooperation with Purdue University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$4.25. ● Item 102 (Rev. 1957)
L.C. card 72-603541 A 57.38: P 42

- 14879 — Plymouth County, Mass. [with list of literature cited; by Charles W. Upham]. July 1969. cover title, i+116 p. il. 66 p. of pl. and maps, 1 tab. 4° [Prepared in cooperation with Massachusetts Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$4.25. ● Item 102 (Rev. 1957)
L.C. card 79-603252 A 57.38: P 74

Technical release.

- 14880 41. Geology: Graphical solutions of geologic problems [with list of references]; by D. H. Hixson. [1]+ii+58 p. [4] leaves, il. 4° (Engineering Division.) [Issued with perforations.] ‡ A 57.51: 41
14881 Ways to attract non-game birds. [Boise, Idaho, June 1969.] 4 p. il. 4° ‡ A 57.2: B 23

SOLICITOR, Labor Dept.
Washington, DC 20210

- 14882 Decisions of Wage Appeals Board, index-digest, 1964-1968. [1969.] vi+49 p. [Prepared by the Research, Analysis and Reference function of Division of Legislation.] † ● Item 712
L.C. card 77-603474 L 21.2: W 12/64-68

SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept.
Washington, DC 20240

North American fauna (series).

- 14883 67. Natural history of king rail [with list of literature cited]; by Brooke Meanley. [1969.] cover title, viii+108 p. il. * Paper, 60c. ● Item 612-A
L.C. card 75-603661 I 49.30: 67

Regulatory announcement.

- 14884 84. Federal regulations governing hunting, possession, transportation, and/or importation of ducks, geese, swans, coots, gallinule, snipe, and cranes in United States (excluding Alaska, Hawaii, Puerto Rico, and Virgin Islands), 1969-70. Sept. 1969. 16 p. † ● Item 613 I 49.24: 84

Resource publication.

- 14885 77. Progress in sport fishery research, 1968; [E. Joyce Engstrom, compositor]. May 1969. iv+259 p. il. 4° (Division of Fishery Research.) [Includes list of technical communications.] * Paper, \$2.00. ● Item 613-B
L.C. card 59-61791 I 49.66: 77

- 14886 Seedsdakee National Wildlife Refuge [Sweetwater County, Wyo.], master plan, backup volume. [1969.] [4]+48+[1] p. il. 2 pl. 4° [Text on p. 2 of cover.] ‡
L.C. card 71-603530 I 49.6/2: Se 3

Special scientific report: Wildlife (series).

- 14887 125. Annotated bibliography of helminths of waterfowl (Anatidae); by Malcolm E. McDonald. June 1969. ii+333 p. 4° (Bear River Research Station, Denver Wildlife Research Center, Division of Wildlife Research.) ‡ ● Item 614-C I 49.15/3: 125

Wildlife leaflet.

- 14888 486. Birds protected by Federal law; compiled [by] Division of Management and Enforcement. May 1969. 4 p. 4° [Supersedes WL 475, May 1967.] * Paper, 10c. ● Item 616-B I 49.13: 486

- 14889 Wildlife portrait series no. 1. [1969.] 10 colored posters, each 14 x 17 in. [Issued in envelope for mailing purposes.] * \$2.00 per set. ● Item 616-C I 49.71: 1

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

STATE DEPARTMENT Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.])
[Issued with perforations.] * Paper, \$3.50 per yr., \$3.00 additional
for foreign mailing; single copies, each 10c. • Item 862-B

- 14890 British Honduras [with reading list]. [Revised Dec. 1968.] [1969.] 3 p. il. 4°
([Publication 8332.]) S 1.123: B 77 h/968
L.C. card 66-61561
- 14891 Grand Duchy of Luxembourg [with reading list]. [Revised July 1969.] July
1969. 4 p. il. 4° ([Publication 7856.]) S 1.123: L 97/969
L.C. card 66-61561
- 14892 Islamic Republic of Pakistan [with reading list]. [Revised July 1969.] [1969.]
8 p. il. 4° ([Publication 7748.]) S 1.123: C 14/969
L.C. card 66-61561
- 14893 Kingdom of Cambodia [with reading list]. [Revised July 1969.] [1969.] 6 p. il. 4°
([Publication 7747.]) S 1.123: C 14/969
L.C. card 66-61561
- 14894 Mozambique [with reading list]. [Revised July 1969.] July 1969. 5 p. il. 4°
([Publication 7965.]) S 1.123: M 87/969
L.C. card 66-61561
- 14895 People's Republic of Albania [with reading list]. [Revised Feb. 1969.] [1969.]
4 p. il. 4° ([Publication 8217.]) S 1.123: A1 1/969
L.C. card 66-61561
- 14896 Republic of Brazil [with reading list]. [Revised July 1969.] [1969.] 4 p. il. 4°
([Publication 7756.]) S 1.123: B 73/969
L.C. card 66-61561
- 14897 Republic of Congo (Brazzaville) [with reading list]. [Revised July 1969.] [1969.]
4 p. il. 4° ([Publication 7896.]) S 1.123: C 76/2/969
L.C. card 66-61561
- 14898 Republic of Guinea [with reading list] [Revised July 1969.] [1969.] 4 p. il. 4°
([Publication 8057.]) S 1.123: G 94/969
L.C. card 66-61561
- 14899 Republic of Iraq [with reading list]. [Revised July 1969.] [1969.] 4 p. il. 4°
([Publication 7975.]) S 1.123: Ir 1/2/969
L.C. card 66-61561
- 14900 Republic of Upper Volta [with reading list]. [Revised Feb. 1969.] [1969.]
4 p. il. 4° ([Publication 8201.]) S 1.123: Up 6 v/969
L.C. card 66-61561
- 14901 State of Vatican City [with reading list]. [Revised Aug. 1969.] [1969.] 2 p. 4°
([Publication 8258.]) S 1.123: V 45/969
L.C. card 66-61561
- 14902 Surinam [with bibliography]. [Revised July 1969.] [1969.] 4 p. il. 4° ([Pub-
lication 8268.]) S 1.123: Su 7/969
L.C. card 66-61561
- 14903 Union of Soviet Socialist Republics [with reading list]. [Revised July 1969.]
1969. 14 p. il. 4° ([Publication 7842.]) S 1.123: Un 33/969
L.C. card 66-61561
- 14904 Foreign Affairs Research Documentation Center, special papers avail-
able: USSR and Eastern Europe. Aug. 1969. cover title, [2] leaves+58
p. 4° (Office of External Research.) [List of recent publications issued
by Office of External Research, on p. 3 of cover.] † S 1.126/2: Un 3

International organizations series.

L.C. card 76-603690

- 14905 4. Organization for Economic Cooperation and Development. [July 1969.] 8
p. il. 4° ([Publication 8460; Office of Media Services, Bureau of Public
Affairs.]) [Issued with perforations.] * Paper, 10c. • Item 882-C
S 1.70/5: 4

Near and Middle East series.

- 14906 75. United States policy in Near East crisis. [Revised July 1969.] [1969.] cover
title, [3]+28 p. il. 4° ([Publication 8269; Office of Media Services,
Bureau of Public Affairs.]) [Compilation of major addresses and state-
ments issued by White House and State Department, together with
certain United Nations resolutions, during period May 23, 1967-Apr. 23,
1969. Reprinted from Department of State bulletin, June 12, 1967-May 26,
1969.] * Paper, 35c. • Item 883
L.C. card 72-603671 S 1.86: 75/2

Treaties and other international acts series. * Paper, \$10.00 a yr. (ap-
proximately 150 issues), \$6.00 additional for foreign mailing; single
copies vary in price. • Item 899 S 9.10: (nos.)

- 14907 6693. Embassy sites, agreement between United States and Union of Soviet
Socialist Republics, signed Moscow May 16, 1969; [entered into force
May 16, 1969], with exchange of notes. [1969.] [2]+22 p. 3 pl.
[English and Russian.] * Paper, 50c.
L.C. card 74-603463

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1969

- 14908 6697. Agricultural commodities, agreement between United States and Dominican Republic signed Santo Domingo June 11, 1968; [entered into force June 11, 1968. [1969.] [2]+4 p. [English and Spanish.] * Paper, 10c. L.C. card 75-603235
- 14909 6698. Economic cooperation, Spanish-United States Economic Committee, agreement between United States and Spain, effected by exchange of notes signed Washington July 15, 1969; [entered into force July 15, 1969]. [1969.] [2]+4 p. [Spanish and English.] * Paper, 10c. L.C. card 70-603467
- 14910 6699. Defense, use of military facilities in Spain, agreement between the United States and Spain, extending agreement of Sept. 26, 1953, as extended, effected by exchange of notes, signed Washington June 20, 1969; [entered into force June 20, 1969, effective Sept. 26, 1968] with related letters. [1969.] [2]+4 p. [Spanish and English.] * Paper, 10c. L.C. card 73-603465
- 14911 6700. Extension of loan of vessels, agreement between United States and Spain, effected by exchange of notes signed Washington June 20, 1969; [entered into force June 20, 1969.] [1969.] [2]+3 p. [English and Spanish.] * Paper, 10c. L.C. card 73-603544
- 14912 6701. Agricultural commodities, agreement between United States and Paraguay, signed Asuncion June 7, 1969; [entered into force June 7, 1969]. [1969.] [1]+20 p. [English and Portuguese.] * Paper, 15c. L.C. card 79-603331
- 14913 6702. Extension of loan of vessels U.S.S. Edwards and U.S.S. Leary, agreement between United States and Japan, effected by exchange of notes signed Tokyo June 20, 1969 [effective Mar. 10, 1969; entered into force June 20, 1969.] [1969.] [2]+7 p. [English and Japanese.] * Paper, 10c. L.C. card 75-603523
- 14914 6703. Agricultural commodities, agreement between United States and Vietnam signed Saigon June 27, 1969; [entered into force June 27, 1969]. [1969.] [2]+3 p. * Paper, 10c. L.C. card 70-603464
- 14915 6704. Fisheries in western region of middle Atlantic Ocean, agreement between United States and Poland, signed Warsaw, June 12, 1969; [entered into force June 12, 1969, with exchange of letters]. [1969.] [2]+14 p. [English and Polish.] * Paper, 10c. L.C. card 77-603466
- 14916 6714. Tracking station, agreement between United States and Spain, extending agreement of Jan. 29, 1964, as supplemented, effected by exchange of notes signed Madrid June 25, 1969; [entered into force June 25, 1969]. [1969.] [2]+3 p. [English and Spanish.] * Paper, 10c. L.C. card 77-605333
- 14917 6715. Mutual Defense Assistance Office, agreement between United States and Japan, relating to agreement of Mar. 8, 1954, effected by exchange of notes, signed Tokyo, July 4, 1969; [entered into force July 4, 1969]. [1969.] [2]+4 p. [Japanese and English.] * Paper, 10c. L.C. card 70-603329
- 14918 6717. Atomic energy, cooperation for civil uses, agreement between United States and Portugal, signed Washington July 3, 1969; [entered into force July 19, 1969]. [1969.] [2]+33 p. [English and Portuguese.] * Paper, 20c. L.C. card 75-603330
- 14919 6718. Atomic energy, application of safeguards by IAEA to United States-Portugal cooperation agreement, agreement between United States, Portugal, and International Atomic Energy Agency, signed Vienna July 11, 1969; [entered into force July 19, 1969]. [1969.] [2]+9 p. * Paper, 10c. L.C. card 73-603327
- 14920 6719. Technical cooperation, agreement between United States and Afghanistan, extending agreement of June 30, 1953, as extended, effected by exchange of notes signed Kabul June 16 and 17, 1969; [entered into force June 17, 1969]. [1969.] [2]+3 p. [English and Afghan.] * Paper, 10c. L.C. card 72-603332
- 14921 6720. Load lines, process-verbal of rectification in convention of Apr. 5, 1966, between United States and other Governments, done London May 5, 1969. [1969.] [2]+10 p. [English and French.] * Paper, 10c. L.C. card 77-603328
- 14922 6721. Atomic energy, cooperation for civil uses, agreement between United States and Argentina, signed Washington June 25, 1969; [entered into force July 25, 1969]. [1969.] [2]+42 p. [English and Spanish.] * Paper, 20c. L.C. card 70-603334
- 14923 6722. Atomic energy, application of safeguards by IAEA to United States-Argentina cooperation agreement, agreement between United States and International Atomic Energy Agency, signed Vienna June 13, 1969; [entered into force July 25, 1969]. [1969.] [2]+18 p. [English and Spanish.] * Paper, 15c. L.C. card 73-603579
- 14924 6723. Extension of loan of vessels, U.S.S. Benson, U.S.S. Hilary P. Jones, and U.S.S. Plunkett, agreement between United States and Republic of China, effected by exchange of notes signed Taipei June 11 and 18, 1969; [entered into force June 18, 1969]. [1969.] [2]+7 p. [English and Chinese.] * Paper, 10c. L.C. card 78-603599

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

Sent to Depository Libraries

Page 93

GOVERNMENT PUBLICATIONS

Treaties and other international acts series—Continued

- 14925 6724. Claims, Trust Territory of Pacific Islands, agreement between United States and Japan, signed Tokyo Apr. 18, 1969; [entered into force July 7, 1969], with exchanges of notes. [1969.] [2]+19 p. [English and Japanese.] * Paper, 15c.
L.C. card 72-603584
- 14926 6725. Agricultural commodities, agreement between United States and Tunisia, signed Tunis July 11, 1969; [entered into force July 11, 1969.] [1969.] [2]+4 p. * Paper, 10c.
L.C. card 79-603583
- 14927 6726. Atomic energy, cooperation for civil uses, agreement between United States and Iran, amending agreement of Mar. 5, 1957, as amended, signed Washington, Mar. 18, 1969; [entered into force Aug. 1, 1969.] [1969.] [2]+7 p. * Paper, 10c.
L.C. card 76-603585
- 14928 6727. Air transport services, agreement between United States and France, amending agreement of Mar. 27, 1946, as amended and extended, effected by exchange of notes dated Paris May 28 and 29, 1969; [entered into force May 29, 1969.] [1969.] [2]+6 p. [French and English.] * Paper 10c.
L.C. card 71-603581
- 14929 6729. Mutual defense assistance, agreement between United States and Belgium, amending annex B to agreement of Jan. 27, 1950, effected by exchange of notes signed Brussels June 20 and 30, 1969; [entered into force June 30, 1969.] [1969.] [2]+3 p. [English and French.] * Paper, 10c.
L.C. card 78-603580
- 14930 6730. Agricultural commodities, agreement between United States and Pakistan, modifying agreement of May 16, 1968, effected by exchange of notes signed Rawalpindi and Islamabad May 16 and June 13, 1969; [entered into force June 13, 1969.] [1969.] [2]+2 p. * Paper, 10c.
L.C. card 75-603582

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- 14931 Calf crop, 1969, July 22, 1969. 2 p. 4° (MtAn 2-2 (7-69); Crop Reporting Board.) † A 92.18/5: 969
- 14932 Cranberries, indicated production, Aug. 15, 1969. Aug. 19, 1969. 2 p. 4° (SpCr 1(8-69); Crop Reporting Board.) † A 92.11/6: 969
- 14933 Irish potatoes, utilization of 1968 crop with comparisons. Sept. 9, 1969. 3 p. 4° (Pot 1-3 (9-69); Crop Reporting Board.) † A 92.11/5: 968-2
- 14934 Milk production [Aug. 1969]. Aug. 12, 1969. 8 p. il. 4° (Da 1-1 (8-69); Crop Reporting Board.) [Special in this issue: Milk cows, June 1969.] † A 92.10: 969/6
- 14935 Tree nuts, by States, 1967 and 1968, production, use, value. Aug. 1969. 7 p. 4° (FrNt 4-1 (8-69); Crop Reporting Board.) † A 92.27: 967-68

SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Transportation Dept., Washington, DC 20553

- 14936 Expansion of automation in terminal ATC facilities; by John C. Mercer, presented by 3d annual R&D report to industry, June 17, 1969. [1969.] [1]+13 p. 10 pl. 4° † TD 4.502: Au 8/2
- 14937 Satellite applications, evolutionary process, international applications, [address] presented by Robert W. Meier, Chief, Communications Development Division, Systems Research & Development Service, Federal Aviation Administration, at 1st annual National Aviation System Planning Review Conference, Washington, D.C., Apr. 23-25, 1969. [1969.] [1]+6 leaves, 4° † TD 4.510: M 47
- 14938 Scientific and technical reports, [list] cy-1968. [1969.] [1]+9 p. 4° † TD 4.509: list/968

TARIFF COMMISSION Washington, DC 20436

- 14939 Summaries of trade and tariff information, prepared in terms of tariff schedules of United States (TSUS): Schedule 2, Wood and paper, printed matter: v. 4, Paper and related products II. 1969. vi+158+[2] p. 4° (TC publication 294.) † TC 1.26/2: 2/4
L.C. card 67-61163

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 14940 Synthetic organic chemicals, United States production and sales of elastomers, 1968, preliminary. Sept. 1969. cover title, [1]+5 p. 4° †
TC 1.33/2: E1 1/968
- 14941 Synthetic organic chemicals, United States production and sales of synthetic organic pigments, 1968, preliminary. Sept. 1969. cover title, [1]+13 p. 4° †
TC 1.33/2: P 62/968

TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- 14942 Fish and fishing around TVA steam plants. [1969.] [8] p. il. oblong 48°
(Division of Forestry Development.) † Y 3.T 25: 27 F 52/4

TRAINING AND EMPLOYMENT SERVICE, Labor Dept. Washington, DC 20210

NOTE.—The Training and Employment Service was established within the Labor Department's Manpower Administration.

- 14943 Area trends in employment and unemployment. (Manpower Administration.) [Monthly. Issued by Employment Security Bureau and classified L 7.51/3: (date) prior to June 1969 issue.] † • Item 752-C
L 34.9: (date)
June 1969—

TRANSPORTATION DEPARTMENT Washington, DC 20590

- 14944 Isthmian canal demand forecast, economic analysis of potential tonnage traffic; [prepared by Walter J. Chilman]. [1969.] cover title, [1]+1+79 leaves, 4° †
L.C. card 76-603690 TD 1.2: Is 7
- 14945 Socio-economic projections for subregions of Northeast Corridor through 1980. May 1969. cover title, [3]+vi+45 p. il. 4° (Northeast Corridor Transportation Project, Office of High-Speed Ground Transportation.) †
L.C. card 77-603659 TD 1.2: N 81/980

TREASURY DEPARTMENT Washington, DC 20220

Department circular, public debt series. † • Item 924 T 1.4/3: (nos.)

- 14946 3-69. 6% percent treasury notes of series D-1970, dated and bearing interest from May 15, 1969, due Aug. 15, 1970. May 1, 1969. 2 p. 4°
- 14947 4-69. 6% percent treasury notes of series B-1976, dated and bearing interest from May 15, 1969, due May 15, 1976. May 1, 1969. 2 p. 4°
- 14948 5-69. 7% percent treasury notes of series D-1971, dated and bearing interest from Aug. 15, 1969, due Feb. 15, 1971. July 31, 1969. 2 p. 4°
- 14949 Foreign credits by United States Government, status of active foreign credits of United States Government and of international organizations, as of June 30, 1968; [compiled by Treasury Department]. [1969.] cover title, v+169 p. oblong 12° * Paper, \$1.50. • Item 925-C T 1.45: 968
- 14950 Remarks by Edwin S. Cohen, Assistant Secretary for Tax Policy, at Section of Taxation luncheon, American Bar Association annual meeting, Dallas, Tex., Aug. 9, 1969. 1969. 10 p. 4° (K-163.) † T 1.31: C 66
- 14951 Remarks of David M. Kennedy, Secretary of Treasury at dedication of Philadelphia Mint, Philadelphia, Pa., Aug. 14, 1969. 1969. 6 p. 4° (K-169.) † T 1.31: K 38/10
- 14952 Statement by Paul A. Volcker, Under Secretary of Treasury for Monetary Affairs, before Senate Finance Committee, Sept. 3, 1969. [1969.] 6+5 p. 4° (K-189.) † T 1.31: V 88/3

•For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14953 Toward a new fiscal federalism, remarks of Murray L. Weidenbaum, Assistant Secretary of Treasury for Economic Policy, before National Conference of State Legislative Leaders, St. Louis, Mo., Aug. 27, 1969. 14 p. 4° (K-182.) † T 1.31: W 42

UNEMPLOYMENT INSURANCE SERVICE, Labor Dept. Washington, DC 20210

NOTE.—The Unemployment Insurance Service was established within the Labor Department's Manpower Administration.

- 14954 Benefit series service, unemployment insurance report; prepared by Division of Determinations and Hearings. (Manpower Administration.) [Monthly. Issued in looseleaf form. Issued by Bureau of Employment Security and classified L 7.37: (nos.) prior to no. 228, May 1969.]
* Paper, \$5.00 a yr., \$1.25 additional for foreign mailing (1-3 yr. subs.).
● Item 752 L 33.9: (nos.)
L.C. card L 50-85
No. 228—May 1969—

UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, DC 20230

- 14955 Data on visitors to U.S., 1st 6 months, 1968. 7 p. 4° (Facilitation and Planning Division.) † C 47.2: D 26/968
14956 Pleasure and business visitors to U.S. by port of entry and mode of travel, 1st 6 months, 1968. [1969.] 8 p. oblong 8° folded to 4° size. (Office of Research and Analysis.) † C 47.15/2: 968
14957 State and territorial travel information offices in U.S.A. [Oct. 24, 1968.] 4 p. 4° ([Visitor Services Division.]) † C 47.2: St 2
14958 [This entry number not used.]
14959 United States trade shows and exhibitions, 1970. [1969.] [1]+36 p. 4° [List prepared from questionnaire sent to associations by United States Travel Service.] † ● Item 271-A-1 C 47.2: T 67/970

VETERANS ADMINISTRATION Washington, DC 20420

- 14960 Government life insurance programs for veterans and servicemen, annual report calendar year 1968. [1969.] cover title, 21 p. (Insurance Service, Department of Veterans Benefits.) † VA 1.46: 968
L.C. card 65-61802
VA pamphlet.
14961 1-1. Board of Veterans Appeals, rules of practice. 1969 edition. [1969.] cover title, iii+18 p. (Text on p. 2 of cover. Supersedes 1967 edition.) † VA 1.19: 1-1/5
● Item 988
14962 Voluntary service, National Advisory Committee, report of annual meeting, VAWS action '69 . . . to meet challenge of '70s, Washington, D.C. Aug. 1969. iv+41 p. il. 4° (Office of Chief Medical Director.) † VA 1.2: V 88/969
● Item 985
L.C. card 61-61961

WEATHER BUREAU, Commerce Dept. Washington, DC 20235

- 14963 Coastal warning facilities chart: Canadian border to Eureka, Calif., and Alaska. Scale 50 nautical m.=1.7 in. Revised May 1968. [1968.] 19 x 12 in. [Broadcast schedules of Marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: C 16/968
14964 — Eastport, Me. to Montauk Point, N.Y. Scale 50 naut. m.=2.25 in. Revised June 1968. [1968.] 19 x 12 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: Ea 7/968

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1969

- 14965 — Eureka to Point Conception, Calif. Scale 50 naut. m.=2 in. Revised May 1968. [1968.] 19 x 12 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: Eu 7/968
- 14966 — Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay. Scale 50 naut. m.=1.8 in. Revised June 1968. [1968.] 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: M 31/968
- 14967 Warning facilities chart: Hawaiian waters. Scale 50 naut. m.=2.6 in. Apr. 1, 1969. 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c. C 30.22/3: H 31/2/969
- 14968 Weather Bureau marine services chart: Alaskan waters. Scale 100 naut. m.=2.4 in. May 1969. 12 x 19 in. [Lambert conformal conic projection. Text on reverse.] * Paper, 15c. C 30.22/6: A1 1 s/969

WOMEN'S BUREAU, Labor Dept. Washington, DC 20210

- 14969 Expanding opportunities for girls, their special counseling needs. [July 1969.] [4] p. 4° ([WB 69-134.]) † L 13.2: G 44/3/969

*For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
*Sent to Depository Libraries

Page 97

The following is a list of the names of the persons who have been
 named in the various reports of the Committee on the subject of
 the proposed amendment to the Constitution of the United States.
 The names are given in alphabetical order, and are followed by the
 number of the report in which they are mentioned.

REPORT OF THE COMMITTEE ON THE
 PROPOSED AMENDMENT TO THE CONSTITUTION OF THE UNITED STATES

The following is a list of the names of the persons who have been
 named in the various reports of the Committee on the subject of
 the proposed amendment to the Constitution of the United States.

The following is a list of the names of the persons who have been
 named in the various reports of the Committee on the subject of
 the proposed amendment to the Constitution of the United States.

Index

MONTHLY CATALOG OCTOBER 1969

NOTE.—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

A

AASHO, *see* American Association of State Highway Officials.
Abbreviations, Air Force manual, 13610
Aberdeen, Idaho, records of observation wells and water level fluctuations, 14355
Ablating materials, chemical equilibrium, including condensed species, 14636
ABM, *see* Missiles.
About census '70, 13732
Abrahamson, John D., westward Alaska, native economy and its resource base, 14201
Abstracts, *see* names of departments, bureaus, etc., issuing abstracts—*also* subjects.
Academic freedom, *see* Teaching.
Acanthocephala, parasite subject catalog, 13543
Accidents, and incidents involving shipment of hazardous materials, study of uniform reporting system for all modes of transportation in reporting, 14721
see also Marine accidents—Motor vehicle accidents.
Accounts and accounting:
 accounting and finance manual, DSA, change, 14084
 medical care cost accounting system, Veterans Administration Improvements made, GAO report, 14319
Accumulators, simplified analytical model for use in design of pump-inlet for prevention of liquid-rockett longitudinal oscillation (pogo), 14638
Acids, *see* names of acids.
Acoustical flows, *see* Flow.
Acoustics, *see* Noise—Sound.
Acreage allotments, *see* names of products.
Acreage limitation amendments, 14039
Acreage marketing guides, 14063
Acts of Congress, *see* Law.
Actuarial notes, 14861-863
Adams, A. N., observations made with 6-inch transit circle 1956-62 of sun, etc., 14724
Adams, Bert N., and wife, relief, 13897
Adams, G. W., solar proton monitoring system, 14170
Adams, James A., density gradients near liquid/air interface, 14742
Adas Israel Synagogue, lease to Jewish Historical Society of Greater Washington, 13865, 13989
Addresses, lectures, etc.:
 by—
 Allen, James E., Jr., 14132, 14140
 Blenstock, Herbert, 14462
 Blount, Winston M., 14772
 Brimmer, Andrew F., 14227
 Chartener, William H., 13809
 Cohen, Edwin S., 14950
 Dunne, Thomas P., 13802
 Gibson, A. E., 14487-488
 Harlee, John, 14208
 Hearn, George H., 14210
 Hyde, Floyd H., 14383
 Jenkins, I. C., 14813

Addresses—Continued

by—continued
Katz, Jacob E., 13728
Kennedy, David M., 14951
McGuire, Marie C., 14385
McGuire, R. C., 13647
Mazure, James E., 14211
Meier, Robert W., 14937
Mutter, H. B., 14209
Nehmer, Stanley, 13807
Ramey, James T., 13722, 13725
Ross, William B., 14382
Seaborg, Glenn T., 13723
Shultz, George P., 14438
Simmons, Samuel J., 14384
Stans, Maurice H., 13808
Staples, J. Clay, 13645
Tribus, Myron, 13805
Volcker, Paul A., 14952
Weidenbaum, Murray L., 14953
FMC SP series, 14208-211
MS SP series, 14487-488
Adelson, Sadye F., dietary levels of households in United States, 13592
Adhesive tape, *see* Tape.
Administrative management:
 administration deficiencies in Federal insecticide, fungicide, and rodenticide act, hearings, 13930
 career development, selected references, 14379
 dental administration, Navy manual, change, 14739
 local government, administrative personnel, problems, needs, etc., pilot study, 14461
 management aids for small manufacturers, 14855
 Navy Dept. design manual, change, 14722
 personnel management series, 13794
 RDT & E management guide, Navy Dept., 14758
 resources and work force management, civil engineering, Air Force manual, change, 13612
 value engineering, design or manufacture simplification, performed by contractors, opportunities for increased savings by improving management, Defense Dept. GAO report, 14221
Advisory Commission on Information, report, 13859
AEC, *see* Atomic Energy Commission.
Aerodynamics:
 characteristics—
 computing program for axial distribution of normal-force, for axisymmetric multi-stage launch vehicles, errata, 14602
 full-scale rotor blade stopped in flight, 13676
 effects of bulbous bases, 14569
 interference effects caused by parallel-staged simple aerodynamic configurations at Mach numbers 3 and 6, 14627

INDEX

- Aerodynamics**—Continued
magnetoaerodynamic flow around blunt bodies, experimental investigation, 14574
nonequilibrium gasdynamics, 14583
subsonic aerodynamic characteristics of large-scale 1,075-pressure-ratio tip-turbine cruise-fan propulsion system at angle of attack, 14611
supersonic aerodynamic characteristics and shock standoff distances for large-angle cones with and without cylindrical afterbodies, 14613
see also Load (mechanics)—Rockets.
- Aeroelasticity**, characteristics of full-scale rotor blade stopped in flight, 13676
- Aeromagnetic** maps, surveys, etc., *see* Maps and charts.
- Aeromedical** reviews, 13627
- Aeronautical** and Space Sciences Committee, Senate hearing, 14011
- Aeronautical** supplies, *see* Ground support equipment.
- Aeronautics**:
air transport services, agreement with France, 14928
aviation combat criterion, development, preliminary report, 14502
Federal aviation act of 1958, amend, hearings, 14021
Federal aviation regulations, 14184-185
lifting horizontal-axis rotating-wing aeronautical systems (HARWAS), review and evaluation, 13677
- Aerospace medicine**, *see* Medicine.
- Aerospace Research Office**:
OAR series, 13626
research resumes, 13626
- Aerospace** vehicles, *see* Spacecraft.
- AFCLR**, *see* Air Force Cambridge Research Laboratories.
- Afghanistan**, technical cooperation, agreement, 14920
- Africa**:
southwest coast, sailing directions, 14728
U.S. foreign aid, 1970 proposed program, 14427
- Afterbodies**, cylindrical, large-scale cones with and without, supersonic aerodynamic characteristics and shock standoff distances, 14613
- Aged**:
housing, balanced program for balanced budgets (address), 14385
social security for the aged, International perspectives, working paper prepared for hearing, 14013
see also Aging.
- Agents**, *see* Foreign agents.
- Aging**:
health aspects of economics of aging, toward a full share in abundance, working paper, 14012
resources for the aging, action handbook, 14122
- Aging**, Special Committee on, Senate, committee prints, 14012-13
- Agricultural adjustment act**, *see* Agriculture.
- Agricultural** commodities, *see* Agricultural products.
- Agricultural credit**, *see* Loans.
- Agricultural products**:
agricultural commodities, agreement with—
Dominican Republic, 14908
Pakistan, 14930
Paraguay, 14912
Tunisia, 14926
Viet-Nam, 14914
license fees under perishable commodities act of 1930, increase, hearing, 13912
marketing research reports, 13594
production research reports, 13604-605
- Agricultural products**—Continued
production research under marketing agreement and order programs, authorize, hearing, 13915
United Kingdom, projected level of demand, supply, and imports, 1970, 1975, and 1980, summary, 14125
- Agricultural Research Service**:
ARS series, 13537-540
directory, 13583
scientific careers, 13595
water resources research, coordination with Reclamation Bureau, report of meeting, 14830
- Agricultural Stabilization and Conservation Service**:
annual report—
California, congressional districts, 13560
Georgia, congressional districts, 13561
Idaho—
1st Congressional District, 13562-563
2d Congressional District, 13564-565
Iowa, 13559
Kansas, Congressional District, 13566
Maine, 13567-568
Massachusetts, 13558
Oklahoma—
1st Congressional District, 13569
2d Congressional District, 13570
3d Congressional District, 13571
4th Congressional District, 13572
5th Congressional District, 13573
6th Congressional District, 13574
Pender-New Hanover Counties, 13575
Pennsylvania, congressional district summary, 13576
South Carolina—
1st Congressional District, 13577
2d Congressional District, 13578
3d Congressional District, 13579
4th Congressional District, 13580
5th Congressional District, 13581
6th Congressional District, 13582
- Agriculture**:
agricultural adjustment act, amend, hearing, 13914
agricultural economic reports, 14123
research, Northern Utilization Research and Development Division, 13546
- Agriculture and Forestry Committee, Senate**:
hearing, 14014
reports, 13972-975
- Agriculture Committee, House**, hearings, 13911-915
- Agriculture Department**:
leaflet, 13593
marketing research report, 13594
miscellaneous publications, 13595-596
PA [program aid] series, 13597-602
production research reports, 13604-605
progress report on pesticides and related activities, 13606
registered agricultural pesticide chemicals, fungicides, and nematocides, summary of uses, 13556
statistical bulletin, 13607
technical bulletin, 13608
telephone directory, 13609
- Ainsworth unit**, *see* Missouri River Basin project.
- Air**, upper air observations above 30 kilometers, Federal plan, 14172
see also Air pollution.
- Air carriers**:
acquisition of control, unlawful without approval of CAB, amend act, hearings, 14021
certification and operations, Federal aviation regulations, 14184
transportation of dangerous articles, etc., Federal aviation regulations, 14186
United States carriers, list, 13779

Air Force:

- German—
 - command and leadership, 13637
 - 1919-39, development, 13638
 - historical studies series, 13636-637
 - Korea, build-up, 5th Air Force report, 13619
 - lithograph series, 13621-624
 - research resumes, 13626
- Air Force Cambridge Research Laboratories:
 - publications, bibliography, 13634-635
 - special reports, 13634-635

Air Force Department:

- administrative practices, manual, 13610
- Air Force manuals, 13610-613
- Air Force pamphlets, 13614-616
- aircraft engine procurement, potential for savings by reduction, GAO report, 14324
- OAR series, 13626
- special reports of Air Force Cambridge Research Laboratories, 13634-635

- Air Force Reserve, general officers, nominations for appointment in grade of major and brigadier generals, hearing, 14016

- Air pollution, air quality control region, report for consultation, Steubenville-Weirton-Wheeling, 14803

Air traffic:

- activity, FAA report, 1969 fiscal year, 14183

control—

- special military operations handbook, change, 13642
- terminal, change, 13643
- military, activity report, 14189
- national airspace system, NAS en route stage A system, 14190
- national aviation system planning review conference, annual summary report, 14187
- security control, Federal aviation regulations, 14186
- special rules, and airport traffic patterns, Federal aviation regulations, 14186
- terminal ATC facilities, expansion of automation, 14936
- training, 13639

- Air transportation, *see* Aeronautics—Air carriers.

- Air University, research reports, abstracts, 13617

Air Weather Service:

- technical reports, 13618
- weather modification program, FY 1969, annual survey report, 13618

Aircraft:

- alterations, acceptable methods, techniques, and practices, 14178
- experiments with icephobic surfaces, 13644
- general operating and flight rules, Federal aviation regulations, 14186
- industry, 1957-68 R & D, 14716
- inspection aids, general aviation, 14246
- inspection and repair, acceptable methods, techniques, and practices, 14179
- jet transport model equipped with external-flow jet-augmented flaps, static and dynamic stability derivatives, 14646
- large commercial operators, certification and operations, Federal aviation regulations, 14184
- lateral-directional handling qualities and pilot rating variability, fixed-base simulator pilot rating surveys for predicting, 14615
- lubricants for inerted lubrication systems in engines for advanced aircraft, 14649
- military aircrew station geometry, military standard, 14107
- national aviation system planning review conference, annual summary report, 14187
- noise attenuation provided by flight helmets, manikin measurements, 14503

Aircraft—Continued

STOL—

- equipped with external flow jet flap, wind-tunnel investigation, 14617
- operational evaluation and related developments (paper), 13645
- V/STOL, ducted-propeller model, quad configuration, dynamic stability characteristics, investigation, 13669
- VTOL, six-degrees-of-freedom motion simulator for hovering tasks, 14650

- Aircraft accidents, investigation reports, 14717

- Aircraft Development Service, report FAA DS series, 13646

- Aircraft engines, *see* Engines (aircraft).

- Aircraft repair stations, radium contamination in instrument repair facilities, evaluation, 14790

- Aircrews, *see* Flight crews.

- Airmen, weighted airman promotion system, 13638

- Airplanes, twin-jet fighter, at high angles of attack, analysis of lateral-directional stability characteristics, 14616

Airports:

- airport/airways development, determining appropriate course of Federal action for coming years, hearings, 14020
- Atlanta, Ga., 1980 metropolitan area capacity analysis, staff study, 13649
- design standards, general aviation airports, basic and general transport, 14180

- Federal aid program, Federal aviation regulations, change, 14185

- grooved runways, general-aviation pilot reactions and opinions, 14591

- national airport system, opportunities for development, 13648

- see also* Air traffic.

Airspace utilization, *see* Air traffic.

- Airways, airport/airways development, determining appropriate course of Federal action for coming years, hearings, 14020

- Alabama, uranium reconnaissance, preliminary, 13712

Alaska:

- aggregate income model of semi-autonomous economy, 14193

- Alaska-Northwest Canada, economic activities—

- comparison of mining laws and oil and gas laws and practices with recommendations for policy, 14194

- regional, political, and communications aspects of development relations, 14195

- Alaskan waters, marine services chart, 14968

- coastal warning facilities chart, 14963

- earthquake, May 27, 1964, effects on communities (series), 14346

- economic analysis, subregional, 14199

- economic indicators, 14198

- Federal regulation of transportation, 14197

- graphic arts of Alaskan Eskimo, 14402

- industries, summary by standard industrial classification and corporate classification, 14200

- native and Indian Public Health Service hospitals, contract hospitals, field health, annual statistical review, 14780

- public lands, oil resources development activities, Interior Department's manpower, funding requirements, and capability to oversee, hearing, 14046

- recreation and government policies, 14196

- transplanting adult pink salmon to Sashin creek, Baranof Island, and survival of their progeny, 13822

- westward, native economy and its resource base, 14201

- Alaska, Gulf of, cyclopoid copepod species from plankton, in deep-water, 14800

INDEX

Albania, background notes, 14895
 Albeni Falls Dam, Pend Oreille River, northern Idaho, general information, 14147
 Alcohol, revenue rulings, etc., internal revenue bulletin, cumulative, index-digest supplement system, supp., 14414
 Alcohol, Tobacco and Firearms Division, available forms relating to activities of Division, description, 14410
 Aliens:
 deportation suspension, report, 13869
 green card alien, employment during labor disputes, hearings, 13926
 permanent residence, oppose granting to certain aliens, 13906
 Alkali metals, preparing alkalinized alumina, 14557
 Allen, Gabriel, FORTRAN program for machine computation of group tables of finite groups, 14641
 Allen, James E., Jr.:
 remarks, etc.—
 Aug. 11, 1969, 14132
 Aug. 20, 1969, 14140
 Alliance for progress, *see* Latin America.
 Allowances, *see* Pay, allowances, etc.
 Alloys, rolled Pb-Cd-Sb alloys, tensile and stress-rupture properties, 14550
 see also names of metals, etc.
 Alouette satellite, *see* Satellites.
 Alternators, *see* Electric generators.
 Alumina, preparing alkalinized alumina, 14557
 Aluminum, alloys, 7075-T6 and 2024-T3 aluminum alloy specimens, effect of stress ratio on fatigue-crack growth, 14635
 Aluminum oxide, *see* Alumina.
 Amargosa Desert, Nye County, Nev., Geological Survey tracer study, exploratory drilling, tracer well construction and preliminary findings, 14360
 Ambulatory service data system, 14778
 AMC, *see* Army Materiel Command.
 American Association of State Highway Officials, Electronics Committee, proceedings, national conference, 14818
 AMG, *see* Acreage marketing guides.
 Amplifiers, transistor series amplifier, 14762
 Anable, W. E., mass spectrometry, residual gas analysis during vacuum melting, 14556
 Analysis, *see* Error analysis.
 Analytical Reference Service studies, 14779
 Anesthetics, inhalation, theories of mechanism of action, 13627
 Animals:
 damage control, 14248
 laboratory diagnosis of tuberculosis, recommended standard procedures, 13540
 Anisotropy, mechanical, and molecular orientation, in polyethylene, polypropylene, and poly(ethylene terephthalate) films, 14628
 Annuities, District of Columbia judges retirement act of 1964, amend survivor annuity provisions, report, 14010
 see also Civil service pensions.
 Antarctic regions, Operation Deep Freeze, reports, 14756, 14759-760
 Antennas, induction loop antennas for geomagnetic field variation measurements, 14164
 Anthropologists, supply and demand in educational institutions and other settings, 14808
 Antiballistic missiles, *see* Missiles.
 Antibiotics, streptomycin (NSC-85998), general information, 14684
 Antibodies, *see* Antigens and antibodies.
 Anticorrosives, *see* Corrosion and anticorrosives.
 Antidepressive agents, antidepressant drugs, effectiveness, studies, psychopharmacology bulletin, 14801
 Antidumping duties, *see* Tariff.
 Antigens and antibodies, TRIC Agent urethritis, serological fluorescent antibody and associated findings, report, 14517

Antiseptics, germicidal properties of iodine tablets, effect on soft drink mixes, 14510
 Antonio, Franklin Jacinto, *see* Jacinto Antonio, Franklin.
 Apollo Project, *see* Project Apollo (man-in-space program).
 Appalachian region:
 Appalachian research reports, 13650
 central, potential development, preliminary analysis, 13650
 Apparel, *see* Clothing.
 Appleman, Herbert S., 2d annual survey report on Air Weather Service weather-modification program, FY 1969, 13618
 Application of systems approach to training, case study, 13793
 Appropriations:
 legislative, 1970, hearings, 13917
 supplemental, 1969, law, 13846
 Appropriations Committee, House, hearings, 13916-918
 Appropriations Committee, Senate, hearings, 14015
 Aptitude tests, armed services vocational aptitude battery, high school counselors manual, 14081
 Arab countries, United States policy in Near East crisis, 14906
 Aranda, Diego A., relief, 13951
 Architect of Capitol:
 appropriations, 1970, legislative, hearings, 13917
 report, semiannual, 13949
 Architects, nuclear defense design, professional development courses, 13781
 Architecture, nuclear defense design for architects and engineers, professional and development courses, 13781
 Area trends in employment and unemployment (periodical), 14943
 Area wage survey, *see* Wages.
 Argentina, atomic energy cooperation for civil uses, agreement, 14922-923
 Arithmetic, tagged arithmetic, 14619
 Arizona:
 census of business, 1967, selected services, area statistics, 13756
 deer and elk use of ponderosa pine forest before and after timber harvest, 14282
 electric rate book, 14214
 Arkansas:
 census of business, 1967, retail trade, area statistics, 13733
 uranium reconnaissance, preliminary, 13709
 Armed Forces:
 armed services vocational aptitude battery, high school counselors manual, 14081
 how new food products from industry are authorized for use by Armed Forces, 14095
 life insurance, government programs, annual report, 14960
 officer performance, factorially derived information measures for differential prediction, 13865
 protective compounds for personnel, 14104
 retired military personnel in Federal jobs, questions and answers, 13794
 school system for overseas dependents, European area, Defense Dept., GAO report, 14823
 uniformed services, health benefits program, 13651
 Armed Forces Information Service, DOD pamphlets, 13651
 Armed services, *see* Armed Forces.
 Armed Services Committee, House:
 committee print, 13919
 hearings, 13920
 Armed Services Committee, Senate, hearing, 14016

Armor:

body armor in hot humid environment, studies in unacclimatized men, 14512
operations, Army field manual, 13654
Arms control, *see* Disarmament.

Army:

airfield and heliport, rigid and overlay pavement design, technical manual, change, 13662
register, Jan. 1, 1969—
departmental edition, 13678-681
document edition, 13851-854
tank program, review, hearings, 13920
transportation movements management, 13656

Army Aviation Materiel Laboratories, technical reports, 13669-677

Army Department:

appropriations, 1970, public works, hearings, 13918
field manual, 13654-656
Natick Laboratories technical reports, 13657
officers' call, the challenge of leadership, pamphlet, 13659
pamphlets, 13658-660
suggestion award portion of incentive awards program, management, GAO report, 14320
technical manuals, 13661-663

Army Materiel Command:

AMC pamphlets, 13652
reports, register of approved recurring reports, 13652

Army National Guard, *see* National Guard.

Army Reserve, reemployment rights, briefing session and program, 13658

ARO, *see* Aerospace Research Office.

ARS, *see* Agricultural Research Service.

Art:

graphic arts of Alaskan Eskimo, 14402
history, 1968, National Gallery of Art, report and studies, 14680
works and reproductions, catalog of copyright entries, 14068
see also Paintings.

Arthropod borne diseases, reported encephalitis in horses and other equidae, 13555

Arthropoda:

arthropoda and miscellaneous phyla, index-catalog, 13544
arthropods of public health significance, pictorial keys, 14799

Artificial satellites, *see* Satellites.

Arts and crafts, native American arts (series), 14402

Asbestos, minerals yearbook chapter, 14521
ASCS, *see* Agricultural Stabilization and Conservation Service.

Ashley, Victor L., relief, 13899

Asia:

east, U.S. foreign aid, 14428
Pacific Coast, tidal current tables, 13798
south, U.S. foreign aid, 1970 proposed program, 14429

southeast—
mainland, environmental conditions relating to harmful insects, 13657
paintings, Air Force lithograph series, 13621

Aspen, grove use by deer, elk, and cattle in southwestern coniferous forests, 14281

Asphalt, membranes, for water seepage control, 14826

Astronautics, space flight investigations, opportunities for participation, 14653

Astronomy, astronomical papers translated from the Russian, 14857-858

ATC, *see* Air traffic.

Atlanta, Ga., airport capacity analysis, 1980 metropolitan area, staff study, 13649

Atlantic Ocean:

east coast, U.S.A., Loran-C table, pair, SS 7-X, 14733
middle, western region, fisheries, agreement with Poland, 14915

Atlantic States:

regional reports, Middle Atlantic region, 14468

south, fisheries, annual summary, 13816

Atlases, catalog of copyright entries, 14067
see also Maps and charts.

Atmosphere:

continuous air monitoring projects, National Air Surveillance Networks, 1964 data tabulations and summaries, Chicago, Cincinnati, Philadelphia, St. Louis, Washington, D.C., 14797

normal and ionized, ground wave propagation, 14166

processing and display experiments using digitized ATS-1 span scan camera data, 14171

turbulent wind field below 150M altitude at Eastern Test Range, investigation, 14582

upper air observations above 30 kilometers, Federal plan, 14172

Atmospheric entry, candidate re-entry blackout suppressants in low-pressure flames, vaporization and decomposition kinetics, 14567

Atmospheric pressure, compressibility data for helium at 0° C and pressures to 800 atmospheres, 14551

Atmospheric temperature, *see* Temperature.

Atomic blasting:

seismic interference and reciprocity for HE row charge, Project Dugout, 13705
underground emplacement of nuclear explosives, construction techniques and costs, Plowshare program, 13708

Atomic energy:

cooperation for civil uses, agreement with—

Argentina, 14922
application of safeguard by IAEA, 14923

Iran, 14927

Portugal, 14918
application of safeguards by IAEA, 14919

New Brunswick Laboratory, research progress report, 13698

understanding nuclear power (remarks), 13725

Atomic Energy Commission:

AEC research and development report, 13685-721

appropriations, 1970, public works, hearings, 13918

cataloging reports, report number series used by Technical Information Division, 13714

Health and Safety Laboratory fallout program, quarterly summary report, 13694

appendix, 13695

news release index, 13684

telephone directory, 13724

Atomic Energy Joint Committee, hearings, 13847

Attention, *see* Vigilance.**Attenuation:**

coefficients, photon cross-sections, and energy absorption coefficients from 10

keV to 100 GeV, 14667

noise predicting in acoustically treated ducts for turbofan engines, studies, 14570

Attitude (psychology):

aircrew attitudes and job-satisfaction, trends, 2-year study, 13830

Attitude control, *see* Satellites.

Attorney General, *see* Justice Department.

Audio-visual education, dentistry, selected

list of audiovisuals, 14699

Audiogram, pure tone, relationship to naval aviator's speech discrimination test, 14498

Auditing, Commerce Dept., career, 13803

Aurantiodene, *see* Oranges.

Automation, expansion in terminal ATC facilities, 14936

INDEX

Automobile license plates, bias in license plate traffic survey response, evaluation, 14814
 Automobiles, recent purchases of cars, houses and other durables and expectations to buy, survey data, 13770
see also Vehicles.
 Aviation, *see* Aeronautics—Aircraft.
 Aviation fields, Army airfield and helicopter, rigid and overlay pavement design, technical manual, change, 13662
 Aviation medicine, *see* Medicine.
 Aviation structural mechanics, *see* Mechanics (persons).
 Aviators:
 general-aviation pilot reactions to and opinions on grooved runways, 14391
 naval aviator's speech discrimination test, relationship to pure tone audiogram, 14498
 Awards (incentive), *see* Rewards (prizes, etc.).
 AWS, *see* Air Weather Service.
 Axial compression:
 effect of test machine extensional rigidity on initial buckling load for unreinforced circular cylindrical shells, 13670
 single-stage, axial compressor component development for small gas turbines, 13675.
 Aykent, Yavuz, relief, 13956
 Ayrshire cattle, *see* Cattle.

B

B.C.F., *see* Commercial Fisheries Bureau.
 B.E.R.C., *see* Biomedical Engineering Resource Corporation.
 Bachman, George O., geology of Bear Peak area, Dona Ana County, N. Mex., 14331
 Background notes, 14590-14903
 Backscatter, ground, computer routines for synthesizing from three-dimensional raysets, 14165
 Bader, J. S., references for well data and water levels in California by Geological Survey, 14356
 Bako, Elmer, Hungarians in Rumania and Transylvania, bibliographical list, 13860
 Balance of payments:
 interest equalization tax act on foreign securities, extend, hearing, 14025
 recent international financial and monetary developments, hearing, 13923
 Ballistic missiles, *see* Missiles
 Balloons:
 moored, Federal aviation regulations, 14186
 unmanned, Federal aviation regulations, 14186
 Banking and Currency Committee, House:
 committee print, 13921
 hearings, 13922-923
 Banking and Currency Committee, Senate:
 hearings, 14017-19
 reports, 13993-994
 Banks and banking:
 bank holding company act amendments proposed changes and additions, text, 13921
 banking and monetary statistics, 14225
 banking community opening opportunities for minority groups at executive level (remarks), 14227
 commercial banks—
 tax treatment, tax reform press releases announcing tentative decisions, 13945
 weekly series, revision, 14234
 small business capital bank, establish, hearings, 14019
 time and savings deposits, changes, 14226
 see also Federal reserve member banks.
 Bara, J. P., controlling expansion of dedicated clays during construction, 14829

Baranof Islands, Alaska, transplanting adult pink salmon to Sashin Creek, and survival of their progeny, 13822
 Barite, minerals yearbook chapter, 14522
 Barium, chemical release system, development, 14586
 Bark canoes, *see* Canoes and canoeing.
 Barker, Fred, gold investigations in Precambrian clastic and pelitic rocks, southwestern Colorado and northern New Mexico, 14332
 Barnes, Harry H., jr., hydrologic effects of Canal 111 near Homestead, Fla., 14358
 Barns, sheep, housing and equipment, 13586
 Barosh, Patrick J., use of seismic intensity data to predict effects of earthquakes and underground nuclear explosions in various geologic settings, 14333
 Barrie, Robert W., and wife, relief, 13839, 13982
 Barstow formation Mud Hills, San Bernardino County, Calif., diagenesis of tuffs, 14351
 Baseball (game):
 6-cent professional baseball commemorative postage stamp (poster), 14768
 Basic cold weather manual, change, 13655
 Basler, J. A., quality of shallow ground water in Rincon and Mesilla Valleys, N. Mex. and Tex., 14354
 Bates, Carlos G., colossal generating units at third powerplant, Grand Conlee Dam, 14828
 Bathing units, field bath, facilities for troops, change, Army technical manual, 13663
 Batholiths, Glacier Park area, North Cascades, Wash., intrusion and eruption of late Cenozoic magmas, 14347
 Bathymetric charts, *see* Maps and charts.
 Batteries, *see* Storage batteries.
 BCF, *see* Commercial Fisheries Bureau.
 Be safe, be seen, let's shed some light on pedestrian safety, 14781
 Bearings (machinery):
 Brayton rotating unit on rolling-element bearings, design, 14578
 Beautification, highway beautification act of 1955 as amended, hearings, 13939
 Bed springs, *see* Bedsprings.
 Beds, *see* Bedsprings.
 Bedsprings, current industrial reports, 13761
 Beef, slaughtering, cutting, and processing on farm, 13585
 Behavior, *see* Vigilance.
 Behavioral Science Research Laboratory:
 displays in tactical information processing, implications of BESRL research, 13663
 technical research notes, 13664-667
 technical research report, 13668
 Belgium:
 economic trends and their implications for United States, 14423
 mutual defense assistance, agreement, 14929
 Bell, F. Howard, eastern Pacific halibut fishery, 1888-1966, 13820
 Benefit series service, unemployment insurance report, 14954
 Bennett, Burton G., experimental and theoretical studies of transport of gamma rays through slab shields, 13682
 Benson (U.S.S.):
 loan, extension, agreement with Republic of China, 14924
 Berger, M. J., tables of response functions for silicon electron detectors, 14673
 Bernhardt, Audrey, cases decided in Court of Claims, 14073
 Beryllium, minerals yearbook chapter, 14523
 BESRL, *see* Behavioral Science Research Laboratory.
 Beta particles, gross beta activity at selected gaging stations, 14371
 Bettinger, Paula J., tagged arithmetic, 14619

Bibliography:

- AFCRL publications, 19634-635
career development, selected references, 14379
copyright, 14060
disposal of brine effluents from inland desalting plants, 14407
early childhood, 14378
Ghana, guide to official publications, 1872-1968, 14483
helminths of waterfowl (Anatidae), annotated, 14887
highways, and their environmental considerations, 14815
highways, new developments in design, etc., newsbriefs, 14816
Hungarians in Rumania and Transylvania, bibliographical list of publications in Hungarian and West European languages, 13860
India, climatological, 13620
landmarks in science, 14520
Latin America and Caribbean, 13660
military history, selected, annotated listing of reference sources in U.S. Military Academy Library, 14519
reactor safety, 13715
research and development, congressional concern, 14035
research reports, High Speed Ground Transportation Office and Northeast Corridor Transportation Project, 14223
small business, 14856
suicide and suicide prevention, 14782
variety stores, 14856
Blenstock, Herbert, address, Mar. 28, 1969, 14462
Big-game habitat, 14250
Bilse, Yilmaz, relief, 13957
Bilse, Zeliha, relief, 13958
Bingham, Edgar, environmental conditions relating to harmful insects of mainland southeast Asia, 13657
Bingham County, Idaho, records of observation wells and water fluctuations in Aberdeen-Springfield area, 14355
Bioengineering, *see* Biomedical engineering.
Biological Laboratory, St. Petersburg Beach, Fla.:
contribution, 13817
report, 13817
Biological physics, research project, Radiological Research Laboratory, Columbia University, annual report, 13700
Biological products, produced and destroyed in licensed establishments, list, 13557
Biomedical engineering, development and production, report, 14683
Biomedical Engineering Resource Corporation, report, 14683
Biomedicine, perspectives on human deprivation, biological, psychological, and sociological influences, 14693
Biophysics, *see* Biological physics.
Biotechnology:
laboratory for manned earth orbiting missions—
study, results, recommendations, and requirements, 14580
summary of individual experiments requirements, 14581
Birds:
non-game, ways to attract, 14881
of public health significance, pictorial keys, 14799
protected by Federal law, list, 14888
see also Water birds—also names of birds.
Birth control, family planning methods, if you're not ready for another baby, 14121
Bismuth, minerals yearbook chapter, 14524
Bjornson, Bayard P., control of domestic rats and mice, 14784
Blackadar, Alfred K., investigation of turbulent wind field below 150M altitude at Eastern Test Range, 14582
Blackbody, thermal radiation heat transfer, errata, 14595
Blades:
blade-to-blade stream surface of turbomachine FORTRAN program for calculating velocities, etc., errata, 14603
full-scale rotor blade stopped in flight, aerodynamic and aeroelastic characteristics, 13676
Blanco, Ernesto E., testimony, hearings, 14049
Bley, Gerry, Tor-Shok reusable energy absorbing protective barrier, 14822
Blight, *see* names of blights or plants affected.
Blood:
cardiac output in squirrel monkey (*Saimiri sciureus*) by thermodilution, repeated or continual measurements, 14496
National Heart Institute's national blood resource program, 14691
RH isommunization, hemolytic disease of fetus and newborn due to RH isommunization, 13777
Blood pressure, renal diseases and hypertension, Public Health Service cooperative studies, conferences, proceedings, 14800
Blount, Winton M., remarks, Sept. 9, 1969, 14772
Blue Range, primitive area, mineral resources, 14328
Blunt bodies:
family, experimental pressure distributions at Mach numbers from 2.49 to 4.63 and angles of attack from 0° to 15°, 14637
magnetoaerodynamic flow around body, experimental investigation, 14574
BNDD, *see* Narcotics and Dangerous Drugs Bureau.
Boats, Indian tradeboats, etc., operating on Savannah River during 19th century, 14153
Body armor, *see* Armor.
Body weight, food and your weight, 13590
Boerum, Marie, discover and use your public library, 14855
Bohan, J. P., mechanics of flow from stratified reservoirs in interest of water quality, 14156
Boiling water reactors, *see* Reactors (atomic).
Boldman, Donald R., experimental and theoretical turbulent boundary layer development in Mach 4.4 water-cooled conical nozzle, 14625
Bolivia, mineral industry, minerals yearbook chapter, 14537
Boll weevils, *see* Weevils.
Bolts and nuts, nuts, Federal item identification guide, change, 14091
Bonds, *see* Municipal bonds—State bonds.
Bonneville Dam, fish passage report, 14148
BONUS (boiling water nuclear superheat) power reactor, *see* Reactors (atomic).
Bonus (military):
recruitment bonuses to candidates in officer training programs, cessation of unauthorized payments, GAO report, 14306
Books:
copyright, general information, 14072
new versions and reprints, 14070
Booth, John W., III, relief, 13841, 13976
Booth, Richard F.:
expansion of Naval flight officer student prediction system, 14499
optimal weighting of course grades for 2 naval air training schools, 14500
Boron, minerals yearbook chapter, 14525
Boston, Mass.:
high-speed rail line, grade crossings, eliminate hearings, 13939
passenger lists of vessels arriving, 1848-91, index, pamphlet to accompany microcopy, 14659
Botanic Gardens, appropriations, 1970, legislative, hearings, 13917

INDEX

- Boundary Layer:
turbulent—
at Mach 2.49 and 4.44, flow-field measurements downstream of two protuberances, on submerged flat plate, 14608
experimental and theoretical development in Mach 4.4 water-cooled conical nozzle, 14625
- Bowers, Chester G., opportunities for development of national airport system, 13648
- Bowie, Martha G., foreign regulations affecting U.S. textile/apparel exports, 13726
- Boyer, Dennis L., annotated climatological bibliography of India, 13620
- Brachiopods, Permian, new from west Texas, 14859
- Brackets, for light helicopter cargo hooks, 14259
- Braddock, William A., geology of Empire quadrangle, Grand, Gilpin, Clear Creek counties, Colo., 14349
- Brayton cycle:
Brayton rotating unit on rolling-element bearings, design, 14578
1200 Hertz Brayton-cycle space-power system, using 14.3-kilovolt-ampere modified Lundell alternator, performance characteristics, 14643
- Brazil, background notes, 14896
- Breeder reactors, *see* Reactors (atomic).
- Bremsstrahlung radiation, and electron transmission, experimental study, 14572
- Bridger National Forest, general information, 14251
- Briefing on reemployment rights of members of Army National Guard and Army Reserve, 13658
- Briggs, Ted C., compressibility data for helium at 0°C and pressure to 800 atmospheres, 14551
- Brimmer, Andrew F., remarks, Aug. 28, 1969, 14227
- Brines, effluents, disposal from inland desalting plants, review and bibliography, 14407
- Brink, Lawrence, relief, 13895
- British Columbia, sailing directions, change, 14726
- British Honduras, background notes, 14890
- British Isles, *see* Great Britain.
- Broilers, *see* Chickens.
- Brown, George H., nomination, hearing, 14059
- Brown, William T., soil survey, Lake County, Tenn., 14875
- Brown spot needle blight of longleaf pine, 14263
- Brown Swiss cattle, *see* Cattle.
- Bruce, Louis R., nomination, hearing, 14043
- Brush, selective control on chaparral watersheds with soil-applied fenuron and picloram, 14283
- Bryan, D. E., rearing cotton insect parasites in laboratory, 13605
- Bubble Chambers, low level counting, basic development and applications, final report, 13697
- Buchanan, Henry, battery life and moisture penetration of subdermally implanted devices, 13633
- Buckley, John D., effects of cyclic heating and thermal shock on hafnia stabilized with calcium, magnesium, and yttria, 14607
- Buckling, *see* Strains and stresses.
- Budget Bureau, opportunity for Geological Survey to increase revenues through changes in map-pricing practices, GAO report, 14322
- Budget of United States, planning-programming-budgeting, innovations in State and local governments, 13848
- Budgets, *see* names of departments, etc.
- Budworms, western, estimating defoliation of Douglas-fir and white fir, 14287
- Buffalo National River:
establish—
hearing, 14041
report, 14008, 14041
- Buffers, effects of buffering systems on lactic acid production in rat liver slices, 13631
- Building:
construction of new VA hospital in southern California, hearings, 13943
Hill-Burton hospitals and related health facilities, representative costs, 14805
hospitals and medical facilities construction and modernization amendments of 1969, hearings, 14056
multifamily housing construction in New York City, cost and time associated with, 14396
operational review guide, GSA handbook, 14776
- Building science series, 14662
- Buildings, high-rise, computer program to analyze dynamic response to nuclear blast loading, 13763
- Bulletins, *see* Farmer's bulletin—*also* names of departments, etc., issuing bulletins.
- Bulls, DHIA sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and Red Poll sires, 13538
- Buoyancy, materials, optimum packing of hollow spheres, 14752
- Burgess, Carter L., nomination, hearing, 14018
- Burgin, Vera E., decisions of United States Department of Interior, 14400
- Burma, mineral industry, minerals yearbook chapter, 14538
- Burns project, Douglas-fir tussock moth control, Malheur and Ochoco National Forests, 1965 surveillance, 14295
- Business:
American business to compete successfully in world markets, National and regional export expansion councils helping, general information, 13906
census, 1967—
EC series, 13754-755
retail trade area statistics, 13733-753
selected services, area statistics, 13756-757
income tax returns, statistics, 14416
management aids for small manufacturers, 14855
private programs for minority business enterprise, directory, 13804
small business—
bibliographies, 14856
impact of crime, hearings, 14062
investment act of 1958, amend—
hearings, 14019
reports, 13993-994
small business act, amend, hearings, 14019
small business investment companies, capital bank, establish, hearings, 14019
small business legislation of 1969, hearings, 14019
- Business consolidations, corporate mergers and other problems, tax reform, press releases announcing tentative decisions, 13945
- Business men, guide to specifications and standards of Federal Government, 14325
- Buss, Linda, manpower research institutional grant program, first 3 years, 14439
- Butler, Gilbert L., application of strain gages in Bureau of Reclamation test programs, 14825
- Buying, *see* Purchasing.
- Bye, Roger A., summary of Alaskan industries by standard industrial classification and corporate classification, 14200

C

C.A.B., *see* Civil Aeronautics Board.
C.F.S. series, 13811-816

- CAB, *see* Civil Aeronautics Board.
 Cabriole Project, *see* Project Cabriole (field cratering experiment).
 Cagle, Caroline H., changes in time and savings deposits, 14622
 Calaveras Creek, San Antonio River basin, Tex., compilation of hydrologic data, 14338
 Calcia, *see* Calcium oxide.
 Calcium, removal from sea water by continuous counter-current ion exchange to prevent scaling of distillation equipment, errata, 14403
 Calcium oxide, hafnia stabilized with, effects of cyclic heating and thermal shock, 14607
 Calif, *see* Calves.
 Calibration:
 calibration and test services of National Bureau of Standards, supplement, 14664
 gamma probe calibration tests, 14833
 vacuum gage, from 10^{-6} to 10 torr, volume-ratio system, evaluation, 14644
 California:
 Agricultural Stabilization and Conservation Service programs administered by counties, by congressional districts, 13560
 Indians, land value, compensate, report, 14004
 northwestern, variations in low-water streambed elevations at selected stream-gaging stations, 14373
 nutrition and human needs, hearings, 14058
 southern, VA hospital construction, hearings, 13943
 well data and water levels, references by Geological Survey, 14356
 Calves, calf crop, 14931
 Camacho, Carlos G., nomination, hearings, 14044
 Cambodia, background notes, 14893
 Cameras, digitized ATS-1 spin scan camera data used in processing and display experiments, 14171
 Camille, food help, picture story, 13603
 Campbell, James P., supersonic aerodynamic characteristics and shock standoff distances for large-angle cones with and without cylindrical afterbodies, 14613
 Campbell, Wallace H., induction loop antennas for geomagnetic field variation measurements, 14164
 Campgrounds, *see* Camps.
 Camping:
 and picnicking in—
 Eldorado National Forest, 14252
 Tahoe National Forest, 14253
 Camps, public campgrounds on San Bernardino National Forest, general information, 14277
 Campuses, *see* Colleges and universities.
 Can you find it? 14074
 Canada:
 Alaska-Northwest Canada, economic activities—
 comparison of mining laws and oil and gas laws and practices with recommendations for policy, 14194
 regional, political, and communications aspects of development relations, 14195
 economic trends and their implications for United States, 14422
 Canadian border to Eureka, Calif., coastal warning facilities chart, 14963
 Canals, Canal 111 near Homestead, Fla., some hydrologic effects, 14358
 Cancer, cancer quacks, danger, 14685
 Canning, *see* names of commodities canned or preserved.
 Cannon, Ralph S., Jr., lead isotope guides for Mississippi Valley lead-zinc exploration, 14335
 Canoes and canoeing, canoes, Indian trade-boats, etc., operating on Savannah River during 19th century, 14153
 Canton, Ohio, area wage survey, 14456
 Cantrell, George K., trends in aircrew attitudes and job-satisfaction, 2 year study, 13630
 Canyonlands National Park, general information, 14700
 Capactor, fixed, Federal item identification guide, 14085
 Capital, restrict transfers to foreign countries by substantial investors in United States, etc., 14432
 see also Investments.
 Capital of United States:
 crime in National Capital, hearings, 14022-23
 Washington, D.C., working, living, learning, playing where the action is, 13792
 Capone, Francis J., subsonic performance characteristics of large-scale 1.075-pressure-ratio tip-turbine cruise-fan propulsion system, 14610-611
 Capsules, (spacecraft), *see* Spacecraft.
 Capture, ion-molecule collisions with long-lived capture complexes computer plotting description, 14645
 Carbides, *see* Niobium carbide—Zirconium carbide.
 Carbon dioxide:
 effects on lactic acid production in rat liver slices, 13631
 exchange of tree seedlings in laboratory, assimilation chamber for measuring, 14286
 Cardiac activity, *see* Heart.
 Cardiac output, *see* Blood.
 Careers, *see* Civil service—Occupations.
 Cargo handling, bracket for light helicopter cargo hooks, description, 14259
 see also Materials handling.
 Caribbean area, and Latin America, analytical survey of literature, 13660
 Caribou Targhee Bridge National Forests, Pallsades Reservoir, recreation map, 14280
 Carpenter, J. B., catalog of genera, species, and subordinate taxa in orange subfamily Aurantioideae (Rutaceae), 13537
 Cars, *see* Automobiles.
 Carter, Horace S., climates of States, Georgia, 14159
 Cascade Range:
 national forests in Oregon, management direction for wilderness and primary recreation zones, 14269
 North Cascades, Glacier Peak area, batholiths and volcanoes, intrusion and eruption of late Cenozoic magmas, 14347
 Castelnovo, Anthony E., effects of spectrum sampling on speech intelligibility, 13667
 Cataloging, Atomic Energy Commission, report number series used by Technical Information Division, 13714
 Catalogs:
 Commerce Department publications, 1968 supplement, 13810
 copyright entries, 14067-68
 correspondence course, Coast Guard reserve personnel on inactive duty, 13800
 medical and veterinary zoology, 13542-544
 orange subfamily Aurantioideae (Rutaceae), genera, species, and subordinate taxa, 13537
 parasite subject catalogues, 13542
 Werner, Drewes woodcuts, exhibition, 14677
 Catheters, cardiac catheters, simple method for percutaneous introduction, 14497
 Catron County, N. Mex., mineral resources of Blue Range primitive area, 14328
 Cattle:
 aspens grove use in southwestern coniferous forests, 14281
 DHIA sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and Red Poll sires, 13538
 CCR, *see* Civil Rights Commission.

INDEX

- Cenozoic era, magmas, intrusion and eruption as source of batholiths and volcanoes in Glacier Peak area, North Cascades, Wash., 14347
- Census:
- about census 1970, general information, 13732
 - business, manufactures, mineral industries, 1967 EC series, 13754-755
 - business, 1963, selected services, area statistics 13756-757
 - business 1967, retail trade area statistics, 13733-753
 - census tabulation available on computer tape series, 13771-772
 - census use study reports, 13759
 - 1970 photo log, 13758
 - see also subjects.
- Census Bureau:
- Director, nomination of George H. Brown, hearing, 14059
 - technical paper, 13775
- Central States:
- north-central—
 - ground-water levels, 14377
 - regional reports, 14465-466
 - union contract expirations, 14465
- Certificates, see types of certificates or subject involved.
- Cesium:
- portable cesium irradiator—
 - operational reports, 13701
 - visit to Washington State, 13702
- Chad, Lake, basin, Nigeria, water-well corrosion, preliminary study, 14344
- The challenge of leadership, 13659
- Chamber devices:
- assimilation chamber for—
 - measuring carbon dioxide exchange of tree seedlings in laboratory, 14286
 - outdoor measurement of photosynthesis of tree seedlings, 14285
 - injection element radial distribution and chamber geometry, effect of, on acoustic-mode instability in hydrogen oxygen rocket, 14623
- Chambers, Joseph R., analysis of lateral-directional stability characteristics of twin-jet fighter airplane at high angles of attack, 14616
- Chamis, Christos C., failure criteria for filamentary composites, 14618
- Champlain, Lake, and its tributary basin, New York, Vermont, pollution of interstate waters, conference proceedings, 14240
- Changing patterns of costs and structure in health sector (address), 14462
- Channels, speech intelligibility in stationary multipath channel, 14515
- Chaparral:
- grazing values of undisturbed chaparral versus areas converted to grass, Tonto Springs Range, 14264
 - watersheds, selective control of brush with soil-applied fenuron and picloram, 14283
- Charitable institutions:
- tax exempt foundations, their impact on our economy, 13942
 - tax treatment, tax reform, press releases announcing tentative decisions, 13945
- Charitable trusts, tax-exempt, their impact on our economy, 13942
- Charities, charitable contributions, tax treatment, press releases announcing tentative decisions, 13945
- Charleston, W. Va., area wage survey, 14454
- Chartener, William H., statement, Aug. 27, 1969, 13809
- Checkout, survey of current debugging concepts, 14576
- Chemical equilibrium, see Equilibrium.
- Chemical reactions:
- barium chemical release system, development, 14586
- Chemical reactions—Continued
- gaseous reactants, experimental measurements of expanding storable-propellant products simulated by combustion, 14642
- Chemicals:
- agricultural, registered pesticides, fungicides and nematocides, summary of uses, 13556
 - symbols for packages and containers for hazardous industrial chemicals and materials, military standard, 14108
 - see also Organic compounds.
- Chemistry, see Radiochemistry.
- Cheng-Hual Li, see Li, Cheng-Hual.
- Chertkov, Morris, Federal regulation of transportation in Alaska, 14197
- Chesapeake Bay:
- coastal warning facilities chart, 14966
 - fisheries, 1967 annual summary, 13813
- Cheyenne River Sioux Tribe, see Sioux Indians.
- Chiang-Hual Li, see Li, Cheng-Hual.
- Chicago, Ill., data tabulations and summaries 1964, continuous air monitoring projects, National Air Surveillance Networks, 14797
- Chickens, broiler marketing guide, supplement, 14666
- Children:
- acquisition and development of values, perspectives on research, conference report, 14682
 - child nutrition and school food assistance, hearings, 14053
 - children with learning disabilities act of 1969, hearings, 13924
 - early childhood, bibliography, 14378
 - education in federally affected areas, 1968 annual report, 14127-128
 - food for families with young children, 13587
 - gifted and talented children educational assistance act, hearing, 13927
 - handicapped, selected projects under P.L. 89-313 and title 6-A, ESEA, 14143
 - me, a cry for help, 14120
 - obscene material sold or offered for sale to minors, exclude from U.S. mails as nonmailable, hearings, 13936
 - prelude to school, evaluation of inner city preschool program, 13778
 - smally smiles, guide for teaching dental health in community care programs, 14696
- Children's Bureau:
- publications for parents, list, 13776
 - research reports, 13778
- Chilman, Walter J., Isthmian Canal demand forecast, economic analysis of potential tonnage traffic, 14944
- China, Republic, loan of vessels, U.S.S. Benson, U.S.S. Hillary P. Jones and U.S.S. Plunkett, extension, agreement, 14924
- Chirichiello, John R., R & D in aircraft and missiles industry, 14716
- Chlorides, chloride vapor deposited tungsten emitter (110) and nickel collector, thermionic converter, with characteristics, 14587
- Choreography, choreographic works, 14071
- Christmas trees, directory, Oregon and Washington growers, wholesalers, and retailers, 14254
- Chromosphere, see Sun.
- Ciarrocchi, Joyce D.:
- index to passenger lists of vessels arriving at—
 - Boston, 1848-91, 14659
 - New Orleans, 1820-1902, 14658
- Cincinnati, Ohio, data tabulations and summaries 1964, continuous air monitoring projects, National Air Surveillance Networks, 14797
- Circuits, parameters to be controlled for specification of microcircuits, military standard, 14106

Circulars, *see* names of departments, etc., issuing circulars.

Cities and towns:

Alaska, earthquake of Mar. 27, 1964, effects on various communities, 14346
community improvement, workable program, HUD handbook, 14386
EDA, building communities with jobs, 14118
housing and urban development legislation of 1969, hearings, 14017
inner city—
education problems of handicapped (remarks), 14132
prelude to school, evaluation of pre-school program, 13778
metropolitan areas, statistics, 13773
model cities program, address, 14383
occupational earnings and wage trends in metropolitan areas, 14467
urban poverty, facts, 14472
urban transportation, research and planning projects, 14394
wage trends for occupational groups, 14481
work and workers in urban environment, some aspects of changing patterns, 14470

Citizens of United States, customs hints for returning residents, know before you go, 14075

Civil Aeronautics Board:

air carriers, acquisition of control, unlawful without CAB approval, amend act, hearings, 14021

United States air carriers, list, 13779

Civil defense, *see* Civilian defense.

Civil Defense Office:

leaflets, 13781-782

technical reports, 13783

Civil disorders, *see* Riots.

Civil disturbances, *see* Riots.

Civil engineering:

electrical facilities safe practices handbook, Air Force pamphlet, 13615

general, resources and work force management, Air Force manual, change, 13612

Civil rights, complaints, who will listen? 13784

Civil Rights Commission, Clearinghouse publications, 13784-785

Civil service:

careers—

development, selected references, 14379

opportunities, scientific, in Agricultural Research Service, 13595

examination announcements—

current, 13787

historian, amendment, 13786

manpower analyst, amendment, 13786

nursing careers in Federal service, 13789

places where held, 13795

veteranarian trainee, summer employment, 13797

job opportunities, local and regional examinations, 13788

opportunities for Federal employment, returning Peace Corps volunteers, 13791

Washington, D.C., working, living, learning, playing where the action is, 13792

working for U.S.A., applying for job, etc., 13790

see also Government officials and employees.

Civil Service Commission, pamphlets, 13790-793

Civil service pensions, Federal classified and postal employees, retirement annuity increases, 13938

Civilian defense, the Grange and civil defense programs, 13782

Claims:

livestock, packers and stockyards act can help you recover losses, 13598

Trust Territory of Pacific Islands against Japan, agreement, 14925

Clarke, Frank E.:

preliminary evaluation of corrosion and encrustation mechanisms in tube wells of Indus Plains, west Pakistan, 14343

preliminary study of water-well corrosion, Chad Basin, Nigeria, 14344

selection of metal components for long-term development of Egypt's corrosive ground waters, 14357

Clarke, Thomas H., nomination, hearing, 14018

Classification:

government publications available to depository libraries, list of classes, 14777

Library of Congress, class K, subclass KF, law of United States, 14482

see also names of substances, objects, etc., classified.

Clay, desiccated clays, controlling expansion during construction, 14829

Cle Elum Ranger District, Wentachee National Forest, trail trips, 14255

Clear Creek, Colo., Empire quadrangle geology, 14349

Clear-cutting, alternate-strip, of lodgepole pine and spruce-fir timber in Colorado, response of deer, 14284

Clemons, Clarence A., summaries of solid wastes program contracts, 14809

Climate:

classification model for sprinkler irrigated agriculture, 14841

climatology of United States—

climates of States, 14159-162

climatic summaries of resort areas, 14158

India, annotated climatological bibliography, 13620

Climatology, *see* Climate.

Clinical Center, National Institutes of Health, dietetic manual for metabolic kitchen units, 14686

Clinics:

ambulatory service data system, 14778

physical fitness, 14774

Clothing:

field clothing exchange operations, Army technical manual, changes, 13663

U.S. textile/apparel exports, foreign regulations affecting, 13726

Clubs, *see* 4-H clubs.

Clutter, *see* Radar.

Coal, coal-fired gas turbine, Mines Bureau research project, test of combustor and ash separators for open-cycle plant, 14558

Coal mines and mining, health and safety of coal miners, improve working conditions, hearings, 14033

Coast Guard:

oceanographic reports, 13801

reserve personnel on inactive duty, correspondence course catalog, 13800

Coastal Engineering Research Center, technical memorandums, 14149

Coastal warning facilities charts:

Canadian border to Eureka, Calif. and Alaska, 14963

Eastport, Me. to Montauk Point, N.Y., 14964

Eureka to Point Conception, Calif., 14965

Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 14966

Coaxial cables, *see* Electric cables.

Cobalt, alloys, in high velocity gas stream, oxidation and thermal fatigue cracking, 14624

Coefficients, attenuation and energy absorption, and photon cross sections from 10 keV to 100 GeV, 14668

Cohen, Edwin S., remarks, Aug. 9, 1969, 14950

Cohen, Gerald A.:

evaluation of configuration changes on optimum structural designs for Mars entry capsule, 14555

INDEX

Cohen, Gerald A.—Continued
structural optimization of sandwich and ring-stiffened 120 degree conical shells subjected to external pressure, 14589
Cohen, R., design of Brayton rotating unit on rolling-element bearings, 14578
Colby, Donald S., mineral resource valuation for public policy, 14530
Cold, cryotherapy in treatment of snake envenomation, 14507
Cold Regions Research and Engineering Laboratory, technical report, 13653
Cole, John W.:
magnesium, 14534
magnesium compounds, 14535
Cole, Samuel J., relief, 13884, 13950
Collective bargaining:
economic climate, facts, 14473
major agreements, plant movement, transfer, and relocation allowances, 14451
see also Industrial relations.
College students, *see* Students.
College work-study program, *see* Colleges and universities.
Colleges and universities:
American, 1970-71 foreign curriculum consultant program, 14155
associate degrees and other formal awards below baccalaureate in higher education, 14129
campus disorders, extent of subversion, hearings, 14049
campus riots and disorders, Oct. 1967-May 1969, staff study, 14037
higher education programs in foreign language and area studies, research and training opportunities abroad, 14142
library statistics, fall 1967, data for individual institutions, 14188
manpower research institutional grant program, first three years, 14439
sociologists and anthropologists, supply and demand in educational institutions, 14808
student disturbances act of 1960, hearing, 14051
work-study program, 1969-70 allocations of Federal funds, 14052
see also Dissertations.
Collisions, *see* Marine accidents.
Collisions (electronic):
ion-molecular, with long-lived capture complexes computer plotting description, 14645
Colombia, mineral industry, minerals year-book chapter, 14539
Color codes, webbing, textile, manufacturers' identification, military standard, 14111
Colorado:
electric rate book, 14215
national forests, multiple use of resources, 14272
response of deer to alternate-strip clear-cutting of lodgepole pine and spruce-fir timber, 14284
San Juan primitive area, mineral resources, 14329
southwestern, Precambrian elastic and pelitic rocks, gold investigations, 14332
Colorado River and Valley:
basin, mineral pollution problem, general background, 14243
basin pilot project, Project Skywater, conference proceedings, 14837
fish passage report, Bonneville, The Dalles, and McNary Dams, 14148
Columbium carbide, *see* Niobium carbide.
Columns, use of small and large displacement data from essentially elastic buckling tests on columns and plates to correlate theory and experiment, 13673
Colville River and Valley, basin, Stevens County, Wash., streamflow characteristics, 14336
Combat, aviation combat criterion, development, preliminary report, 14502

Combustion, solid-propellant combustion instability and role of velocity coupling, 14639
Combustors, annular gas turbine combustors, analysis of total-pressure loss and air-flow distribution, 14631
Commerce:
foreign trade and tariff proposals, hearings, 13944
foreign trade, containerization and documentation in inter-American trade (remarks), 14209
summaries of trade and tariff information, 14939
trade, Savannah River highway, steamboats, etc., operating during 19th century, 14153
waterborne, regulation of foreign carriers (remarks), 14210
world markets, National and regional export expansion councils helping American business to compete successfully, general information, 13806
Commerce Committee, Senate, hearings, 14020-21
Commerce Department:
auditing career, 13803
publications, catalog and index, 196S supplement, 13810
Commercial banks, *see* Banks and banking.
Commercial Fisheries Bureau:
BCF acoustical workshop, proceedings, 13821
biological laboratories, St. Petersburg Beach, Fla., report, 13817
circulars, 13817-819
Great Lakes Fishery Laboratory, Ann Arbor, Mich., general information, 13819
La Jolla, Calif., digital data logger STD tapes, processing, 13823
special scientific reports, fisheries series, 13822-823
Commercial products:
foreign, available for production in U.S. under licensee agreements, 14424
product standard PS (series), 14668-669
recent purchases of cars, houses, and other durables and expectations to buy, survey, data, 13770
unordered merchandise, shipper's obligations and consumer's rights, 14238
Commercial treaties, trade expansion act of 1968, proposals, hearings, 13944
Commission on Government Procurement, *see* Government Procurement Commission.
Communicable diseases, *see* Contagion and contagious diseases.
Communication satellites, *see* Satellites.
Communications, Alaska-Northwest Canada, regional, political, and communications aspects of development relations, 14195
Communities, *see* Cities and towns—Rural communities.
Community development programs, workable program for community improvement, HUD handbook, 14386
Community health services, *see* Health.
Companies, pipeline, cost of pipeline and compressor station construction under non-budget type of certificate authorizations as reported in fiscal year 1968, 14212
Compensation, *see* Salaries—Wages.
Complaints, civil rights, who will listen? 13784
Composite materials, filamentary composites, failure criteria, 14618
Compounds, *see* names or classes of compounds or purpose for which used.
Compressed gas, *see* Gases.
Compressible flow, *see* Flow.
Compression, compressive strength of titanium skin-stringer panels, influence of various fabrication methods, 14634

Compressors:

- pipeline companies and cost of pipeline and compressor station construction under non-budget type of certificate authorizations as reported in fiscal year 1968, 14212
- single-stage axial compressor component, development for small gas turbines, 13675
- supersonic compressor stage development, 13675
- Comptroller General, *see* General Accounting Office.
- Computer programs/programming:
 - dynamic response of high rise buildings to nuclear blast loading, analyze, 13783
 - ground backscatter from three-dimensional raysets, computer routines for synthesizing, 14165
 - nonlinear regression problems, general computer program for solving, 14531
- Computers, computer mapping, 13759
 - see also* Electronic computers—Electronic data processing system.
- Conduct of life, acquisition and development of values, perspectives on research, conference report, 14682
- Cones, large-angle, with and without cylindrical afterbodies, supersonic aerodynamic characteristics and shock standoff distances, 14613
- Confederated Salish and Kootenai Tribes of Flathead Indians, *see* Flathead Indians—Kootenai Indians.
- Conferences, congresses, etc., Institute of History of Natural Science and Technology, 10th scientific conference, transactions, 14651
 - see also* names of conferences, etc.—also subject of conference.
- Configurations, aerodynamic interference effects caused by parallel-staged aerodynamic configurations at Mach numbers of 3 and 6, 14627
- Congo (Brazzaville):
 - background notes, 14897
- Congress of United States:
 - concern with research and development, bibliography, 14035
 - congressional record, 90th Cong., 2d sess., bound volumes, 13824-829
 - members, appointment to civil office prior to pay increase, opinion of Attorney General, 14433
- Congressional record, *see* Congress of United States.
- Congressional serial set, 13830-833
- Conical shells, *see* Shells (structural).
- Connecticut, electric rate book, 14216
- Conscription, you and the draft, 14853
- Conservation, *see* Natural resources—Soil Conservation—also subjects.
- Constitution of United States:
 - amend to revise electoral college reform, hearings, 14048
 - amendment, election of the President and the Vice President, hearings, 13940
- Construction, *see* Building—Earthwork and structures.
- Construction industry, rising construction costs and anti-inflation policies, report on Western Europe, 14464
- Consuls, U.S. dispatches from Guaymas, Mexico, 1832-96, pamphlet to accompany microcopy, 14660
 - see also* Foreign Service.
- Consultants, foreign curriculum consultant program, for American schools, colleges and State departments of education, 14135
- Consumer Affairs Department, establish, hearings, 14034
- Consumer and Marketing Service:
 - PMG series, 14066
 - poultry plants, federally inspected, enforcement of sanitary, facility, and moisture requirements, GAO report, 14315

Consumer credit, *see* Credit.

- Consumer goods, *see* Commercial products.
- Consumer Research Institute, establish, hearings, 14034
- Consumer Safety Office, establish, hearings, 14034
- Consumers:
 - buying indicators, series, 13770
 - consumer bulletins, 14238
 - unordered merchandise, shipper's obligations and consumer's rights, 14238
 - utility consumers' counsel act of 1969, hearings, 14038
- Contagion and contagious diseases, grants for communicable disease control, authorization, hearings, 14054
- Containers:
 - containerization in inter-American trade (remarks), 14209
 - containerships under construction and on order (including conversions) in United States and foreign shipyards—June 30, 1968, list, 14485
 - Dec. 31, 1968, list, 14486
 - flag containerships and flag ships with partial capacities for containers and/or vehicles, U.S. list, 14493-494
 - symbols for hazardous industrial chemicals and materials, military standard, 14108
- Contamination, radium in aircraft instrument repair facilities, evaluation, 14790
- Contractor report NASA CR (series), 14567-571
- Contractors:
 - FHA property improvement loans, guide, 14388
 - value engineering, design or manufacture simplification performed by contractors, opportunities for increased savings by improving management, Defense Dept., GAO report, 14321
- Contracts:
 - summaries of solid wastes program contracts, 14809
 - union, expirations 1969-70, in north central region, 14465
 - unordered merchandise, shipper's obligations and consumer's rights, 14238
 - see also* Government contracts.
- Cooper, G. Arthur, new Permian brachiopods from west Texas, 14859
- Cooper, James D., kyanite and related minerals, 14532
- Coordination tests, Step Test of motivation to excel, 14518
- Coots, hunting, possession, transportation, and/or importation, 1969-70, in United States, etc., Federal regulations governing, 14884
- Copepods, five species of deep-water cyclopoid copepods from plankton of Gulf of Alaska, 14860
- Copolymer, *see* Polymers and polymerization.
- Copyright:
 - bibliography, 14069
 - books, general information, 14072
 - catalog of copyright entries, 14067-68
 - Copyright Office, circulars, 14069-72
- Cordova, R. M., selected hydrologic data, Southern Utah and Goshen Valleys, Utah, 14361
- Corporations, tax reform, press releases announcing tentative decisions, 13945
- Correspondence schools and courses, catalog Coast Guard Reserve personnel on inactive duty, 13800
- Corrosion and anticorrosives:
 - corrosion and encrustation mechanisms of Indus Plains, West Pakistan, preliminary evaluation, 14343
 - corrosion and protection of steel piling in seawater, 14149

INDEX

Corrosion and anticorrosives—Continued
 Egypt's corrosive ground waters, selection of metal components for long-term development, 14357
 metals in tropical environments, 14744
 water-well corrosion, Chad Basin, Nigeria, preliminary study, 14344
 Cosmology, red-shift-magnitude relation and observational data, 14640
 Cossette, Ludger J., relief, 13885
 Cost:
 and time associated with new multi-family housing construction in New York City, 14396
 rising construction costs and anti-inflation policies, report on Western Europe, 14464
 see also subjects.
 Cost and standard of living:
 living conditions, New York City, facts, 14474
 living costs and food prices, background material, 14471
 Cotton:
 field-exposed, spinning performance and yarn quality as affected by lint color and trash in 1966-67 crop, 13594
 insect parasites, rearing in laboratory, 13605
 insects, rearing in laboratory, 13604
 production, 1968 crop, 13760
 quality—
 1968 crop, 14064
 supply, disappearance, carry-over 1968-69 crop, 14065
 upland, cost of producing in United States, supplement, 14123
 Couch, Lana M., flow-field measurements downstream of two protuberances on flat plate submerged in turbulent boundary layer at Mach 2.49 and 4.44, 14608
 Coulter, Bernard L., relief, 13979
 Counseling, girls, their special needs, expanding opportunities, 14969
 Counselors, high school manual. Armed services vocational aptitude battery, 14081
 Countries, *see* Foreign countries.
 Couplings:
 mechanisms with elastic couplings, dynamics and stability, 14650
 velocity, role in solid-propellant combustion instability, 14639
 Courses of study, *see* Curriculum.
 Court of Claims, cases decided, Dec. 1, 1968-Feb. 28, 1969, 14073
 Courts, court leave for employees of United States and District of Columbia, correct inequities, report, 13907
 see also District courts—also names of courts.
 Cows, milk cows on farms, June 1969, 14934
 see also Dairy herd improvement associations.
 Coxe, Tench, letters as Commissioner of Revenue, 1794-96, on procurement of military, naval, and Indian supplies, pamphlet to accompany microcopy, 14657
 Cracking of metals, *see* Fracture of metals.
 Craggs, A., transient response of coupled acousto-mechanical systems, 14588
 Cranberries, indicated production, 14932
 Crandell, Dwight R., geologic story of Mount Rainer, 14334
 Cranes (birds):
 hunting, possession, transportation, and/or importation 1969-70, in United States, etc., Federal regulations governing, 14884
 Cranston, George E., general-aviation pilot reactions to and opinions on grooved runways, 14591
 Craters, preshot geologic and engineering properties, Project Buggy, 13704

Credit:
 foreign credits of United States Government, 14949
 truth in lending, consumer credit cost disclosure amendment to Federal Reserve regulation Z, 14233
 errata, 14228
 Credit unions, *see* Federal credit unions.
 Crescent City, Calif., tsunami model, theories in design of proposed, 14155
 Crews, *see* Flight crews.
 Crime and criminals:
 crime in National Capital, hearings, 14022-23
 organized crime activities and related areas, measures against, hearings, 14050
 organized crime control act of 1969, hearings, 14050
 riots, civil and criminal disorders, investigation, hearings, 14036
 small business, impact of crime, hearings, 14062
 Crimi, Peter, method for analyzing aeroelastic stability of helicopter rotor in forward flight, 14568
 Criminal law, organized crime activities and related areas, measures against, hearings, 14050
 Criminal procedure, organized crime activities and related areas, measures against, hearings, 14050
 Cripple Creek, gold and other metals in district, distribution, 14350
 Crooked River National Grassland, general information, 14275
 Crops, *see* names of crops.
 Cross sections, photon, attenuation coefficients, energy absorption coefficients from 10 keV to 100 GeV, 14667
 Crouch, Glenn L., surveillance report, 1965 Burns project, Douglas-fir tussock moth control, 14295
 Cryotherapy, *see* Cold.
 Crystals:
 110 planes, characteristics of thermionic converter with fluoride vapor deposited tungsten emitter etched to preferentially expose, 14571
 silver single, dislocation pipe diffusion, 14745
 Current fishery statistics, C.F.S. series, 13811-816
 Current industrial reports, 13761-762
 Curriculum:
 electrical appliance serviceman, suggested guide for training course, 14133
 Environmental Control Administration, training institute, bulletin of courses, 14810
 foreign, consultant program for schools, colleges, and State departments of education, 14135
 forestry, suggestions for integrating in modern curriculum, 14294
 recreation program leadership, suggested 2-year post high school curriculum, 14141
 Curtiss, Howard C., Jr., investigation of dynamic stability characteristics of quad configuration, ducted-propeller V/STOL model, 13669
 Customs, *see* Tariff.
 Customs Bureau, career opportunities, can you find it? 14074
 Cusumano, Vita, relief, 13840, 13978
 Cyclopodae, *see* Copepods.
 Cylinders, annular, natural frequency of liquid under low gravitational conditions, 14648

D

D.H.I.A., *see* Dairy herd improvement as associations.

Dairy herd improvement associations:

DHIA, cow performance index list, registered progeny of DHIA sires, 13539
sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss Milking Shorthorn, Red Dane, and Red Poll sires, 13537

Daley, John C., upwind-downwind-crosswind sea-clutter measurements, 14748

The Dalles Dam, fish passage report, 14148

Damage control, animal, general information, 14248

Dams:

sealing dam surfaces, isothermal compressible flow with relative rotation, analysis, 14614

storage and reservoirs on Bureau of Reclamation projects, statistical compilation, 14842

see also names of dams or bodies of water.
Dangerous articles, see Hazardous substances.

Data, see subjects.

Data access descriptions, 13771-772

Data processing, see Electronic data processing systems.

Davis, A. Bert, causes, measurement, and elimination of fuel-element fission product leakage at NASA Plum Brook Reactor, 14622

Davis, Edwin A., selective control of brush on chaparral watersheds with soil-applied fenuron and picloram, 14283

Davis, Yvonne, relief, 13876

Davis Dam, and power plant, general information, 14831

Day care of children, prelude to school, evaluation of inner-city preschool program, 13778

Deaf, opportunities for the hard of hearing and the deaf, 14847

Deaf, National Conference for Coordinating Rehabilitation and Education Services, see National Conference for Coordinating Rehabilitation and Education Services for the Deaf.

Dealers, FHA property improvement loans, guide, 14388

Death, mortality, vital statistics of U.S., 14812

Debts, tax information on deduction for bad debts, 14417

Debugging, see Checkout.

Decision making, labor statistics for national decision making (address), 14438

Decisions, see names of courts, etc., rendering decisions—also subjects.

Decker, John P., aerodynamic interference effects caused by parallel-staged simple aerodynamic configurations at Mach numbers 3 and 6, 14627

Decomposition, vaporization and decomposition kinetics of candidate re-entry blackout suppressants in low-pressure flames, 14567

Deep Freeze Operation, see Antarctic regions.

Deer:

aspen grove use in southwestern coniferous forests, 14281

mule, habitat management, 14865

response to alternate-strip clearcutting of lodge-pole pine and spruce-fir timber in Colorado, 14284

use of Ponderosa pine forest in Arizona before and after timber harvest, 14282

Deering, Louis A., relief, 13904

Defense, see National defense.

Defense Department:

appropriations, 1969, hearings, 13916

candidates in officer training programs, cessation of unauthorized payments of proficiency pay and variable reenlistment bonuses, GAO report, 14306

cataloging and standardization program, semiannual report, 13919

Defense Department—Continued

DoD pamphlets, 13851

manual DSAM series, 14082-84

military standards, 14099-112

national industrial reserve, annual report to Congress, 14080

real and personal property, status report, 14115

school system for overseas dependents, European area, Defense Dept., GAO report, 14323

specifications and standards, index, 14096

appendix, 14097

standardization documents, supply classification, listing, 14094

value engineering, design or manufacture simplification, performed by contractors, opportunities for increased savings by improving management, GAO report, 14321

Defense Documentation Center, Cameron Station, Alexandria, Va. annual historical summaries, 14075-79

Defense Supply Agency, manual DSAM series, 14082-84

Defoliation, estimating, of Douglas-fir and white fir by western budworm, 14287

Degrees (colleges, universities, etc.): associate degrees and other formal awards below baccalaureate in higher education, 14129

Naval Postgraduate School, Monterey, Calif., abstracts of dissertations, theses, and research papers submitted by candidates for degrees, 14737

Delaware, census of business, 1967, retail trade, area statistics, 13734

Demand, see Supply and demand.

Demography, demographic data, Federal Health Programs Service, annual statistical summary, 14792

Density, gradients near liquid/air interface, 14742

Dental administration, Navy, manual, change, 14739

Dental health, see Teeth.

Dentifrices, self-preparation stannous fluoride prophylactic technique in preventive dentistry, report after 2 years, 14516

Dentistry: audiovisuals, selected list, 14699

dental administration, Navy manual, change, 14739

preventive, self-preparation stannous fluoride prophylactic technique in, report, 14516

Dependents, see Armed Forces.

Deprivation, cases suspended, report, 13869

Deprivation (sensory), see Sensory deprivation.

DePuy, G. W., disposal of time elements from inland desalting plants, review and bibliography, 14407

Desalination, inland plants, disposal of brine effluents, review and bibliography, 14407

see also Sea water.

Desalting of sea water, see Sea water.

Design manual DM series, 14722

Designs (Industrial):

Brayton rotating unit on rolling-element bearings, 14578

Detectors:

LiF detectors, use in neutron flux integrator, feasibility study, 13693

silicon electron, tables of response functions, 14673

Detonations, see Nuclear explosions.

Development (economics), see Economic policy.

DHIA, see Dairy herd improvement associations.

Diagenesis, see Geology.

Diagnosis:

diagnostic data, Federal Health Programs Service, annual statistical summary, 14792

INDEX

Diagnosis—Continued

- laboratory, of tuberculosis in animals, recommended standard procedures, 13540
- Dialysis, plezodialysis research, 14405
- Diamond, Barbara K., relief, 13894
- Diamond, W. Gene, barite, 14522
- Diatomite, minerals yearbook chapter, 14526
- Dictionaries, navigation, 14730
- Diet:
 - Clinical Center dietetic manual for metabolic kitchen units, 14686
 - see also Food.
 - Dietaries, *see* Food.
 - Dietetics, *see* Diet.
 - Diffraction, X-ray, powder patterns, 14665
 - Diffusion, dislocation pipe, in silver single crystals, 14745
 - Digestion, in vitro digestibility of alpine forages in Wyoming, 14288
 - Digests, *see* Index digests.
 - Dimethyl sulfoxide, radioprotection of primates with 2-(1-decylamino) ethanethio-sulfuric acid in, 13628
 - Diodes, microwave photodiodes, sensitivity as function of bias and geometry, 14754
 - Diplomatic and consular service, *see* Foreign Service.
 - Directories:
 - Agricultural Research Service, 13583
 - Christmas tree directory, Oregon and Washington growers, wholesalers, and retailers, 14254
 - educational information centers, 14131
 - International mail, 14770
 - military assistance program address directory, MILSTRIP, 14113-114
 - private programs for minority business enterprise, 13804
 - telephone—
 - Agriculture Department, 13609
 - Atomic Energy Commission, 13724
 - urban transportation, research and planning projects, 14394
 - Disabled, children with learning disabilities act of 1969, hearings, 13924
 - see also Rehabilitation of the disabled.
 - Disadvantaged children, *see* Children.
 - Disarmament:
 - antisubmarine warfare and multiple independently targeted reentry vehicles (MIRV) ABM systems, strategic and foreign policy implications, hearings, 14031
 - arms control, ABM systems, strategic and foreign policy implications, hearings, 14031
 - Disasters:
 - Camille, food help, picture story, 13603
 - educational assistance in major disaster areas, 1968 annual report, 14127-128
 - emergency health series, 14788
 - emergency medical supplies, hospital reserve disaster inventory, 14789
 - floods, South Fork Eel River, Phillipsville to Garberville, 14150
 - Discrimination, *see* Race problems.
 - Discrimination in employment:
 - equal employment opportunity—
 - nondiscrimination in private and public employment, guide to Federal law, 13785
 - Reclamation Bureau, affirmative program of manpower utilization, 14832
 - Federal employment, toward equal opportunity for all persons, 13796
 - Diseases, kidney, prevention and control, guidelines for community programs of chronic disease control, 14794
 - see also names or classes of diseases.
 - Diseases of plants, saving forests and related wildlife resources from insects and diseases, 13599
 - Disorders, *see* Riots.

- Displacement, use of small and large displacement data from essentially elastic buckling tests on columns and plates to correlate theory and experiment, 13673
- Display systems, tactical information processing displays, implications of BESRL research, 13668
- Dissertations, abstracts, Naval Postgraduate School, Monterey, Calif., 14737
- Distillation, equipment, continuous counter-current ion exchange, removal of calcium to prevent scaling, errata, 14403
- Distortion, flame straightening and its effect on base metal properties, 14854
- District courts, District of Columbia, reorganization, hearings, 14023
- District of Columbia:
 - courts, reorganization, hearings, 14023
 - data tabulations and summaries, 1964 continuous air monitoring projects, National Air Surveillance Projects, 14797
 - delinquent State taxes, authorize State actions to recover on reciprocal basis, report, 14009
 - drug abuse in Washington area, hearings, 14022
 - employees, grant court leave when called as witnesses in certain judicial proceedings on behalf of State and local governments, report, 13907
 - high-speed rail line, grade crossings, eliminate, hearings, 13939
 - Judges retirement act of 1964, amend survivor annuity provisions, report, 14010
 - Potomac River estuary movement of solute at low inflow conditions, 14337
 - property, convey to Washington International School, Inc., report, 13999
 - synagogue, lease to Jewish Historical Society of Greater Washington, 13865, 13989
 - trust funds, legal investments, list, 14116
 - see also Capital of United States.
- District of Columbia Committee, House, reports, 13864-865
- District of Columbia Committee, Senate:
 - hearings, 14022-23
 - reports, 13989, 13999, 14009-10
- DMSO, *see* Dimethyl sulfoxide.
- Documentation, documentation and containerization in inter-American trade (remarks), 14209
- DoD, *see* Defense Department.
- Dominican Republic, agricultural commodities, agreement, 14908
- Dona Ana County, N. Mex.:
 - Bear Peak area, geology, 14331
 - Post Area, White Sands Missile Range, test wells, 14359
- Doten, George W., team interpretation procedures, selection of teammates and role assignment, 13664
- Doty, Gene C., test wells in Post Area, White Sands Missile Range, Dona Ana County, N. Mex., 14359
- Douglas fir, *see* Fir.
- Douglas-fir tussock moth, *see* Tussock moths.
- Downey, C. E., soil survey Montgomery County, Ill., 14877
- Draft (military), *see* Conscription.
- Drag (aerodynamics):
 - aerodynamic interference effects caused by parallel-staged simple aerodynamic configurations at Mach numbers 3 and 6, 14627
- Drains, scupper drain attachments to vessels in drydock, maritime safety data, 14444
- Drawings, scientific and technical, catalog of copyright entries, 14068
- Drewes, Werner, woodcuts, catalogue, 14677
- Dreyfuss, Carl, Werner Drewes woodcuts, 14677
- Drilling, *see* Rock drilling.

Drugs :

abuse in Washington area, hearings, 14022
antidepressant drug studies, psychopharmacology bulletin, 14801
drug efficacy study, report, errata, 14565
technical publications, July-Dec. 1968, FDA, 14247

see also Medicine—also names of drugs.

Drydocks, scupper drain attachments to vessels in drydock, maritime safety data, 14444

DSA, *see* Defense Supply Agency.

Ducks, hunting, possession, transportation, and/or importation, 1969-70, in United States, etc., Federal regulations governing, 14884

Ducts :

magnetospheric duct propagation research using, Alouette-2 topside-sounder observations, 14612
noise attenuation prediction in acoustically treated ducts for turbfan engines, studies, 14570

Dug Foo Wong, *see* Wong, Dug Foo.

Duga, John V., Jr., computer plotting description of ion-molecular collision with long-lived capture complexes, 14645

Dugout Project, *see* Project Dugout (Plowshare program).

Dulles International Airport, general information, 14182

Dunne, Thomas P., address, Sept. 11, 1969, 13802

Durable goods, *see* Commercial products.

Durum wheat, *see* Wheat.

Dynamic stability, *see* Stability of aircraft.

Dynamics :

dynamic performance limitations of fast response (150 to 200Hz) electrohydraulic servos, analysis, 14633
mechanisms with elastic couplings, 14650

E

Earnings, *see* Wages.

Earth :

manned orbiting missions, biotechnology laboratory, study—
results, recommendations, and requirements, 14580
summary of individual experiments, requirements, 14581
snow on ground, classification outline, 14290

see also Satellites.

Earth movements, *see* Subsidence (earth movements).

Earth Sciences Laboratory, ESSA technical report, ER-ESL series, 14164

Earthquakes :

Alaska, 1964—
effects of communities (series), 14346
effects on various communities, 14346
seismic intensity data used to predict effects in various geologic settings, 14333

Earthwork and structures :

desiccated clays, controlling expansion during construction, 14829
underground emplacement of nuclear explosives, construction techniques and costs, Plowshare program, 13708

East (Middle East) :

Near and Middle Eastern series, 14906

East (Near East) :

U.S. foreign aid, 1970 proposed program, 14429

United States policy in crisis, 14906

East (U.S.) :

east coast, Loran-C table, pair SS7-X, 14733

East Asia, *see* Asia.

East St. Louis, Ill. nutrition and human needs, hearings, 14058

Eastern Europe, *see* Europe.

Eastern Test Range, investigation of turbulent wind field below 150M altitude, 14582

Eastport, Me. to Montauk Point, N.Y., coastal warning facilities chart, 14964

Ecology, range, and management, 14278

Economic Committee, Spanish-United States, *see* Spanish-United States Economic Committee.

Economic conditions :

economic analysis of Alaska, subregional, 14199

economic indicators, Alaska, 14198

employee compensation, 1966, in private nonfarm economy, 14458

foreign economic trends and their implications for United States, ET series, 14418-423

impact of tax-exempt foundations and charitable trusts, 13942

Ozark gateway district, preliminary economic analysis, 14124

see also names of countries, States, etc.

Economic cooperation, *see* Foreign aid.

Economic development :

districts authorized under provisions of Public works and economic development act of 1965, status, 14117

minority groups, economic advancement in U.S. (remarks), 14227

potential development of central Appalachia, preliminary analysis, 13650

Economic Development Administration :

building communities with jobs, 14118

role in industrial and commercial growth (address), 13802

selected Indian reservation program, 14119

Economic geology, *see* Geology.

Economic Joint Committee, committee print, 13848

Economic Opportunity Office :

community action program, effectiveness

and administration, GAO report—

Lake County, Ind., 14308

St. Louis City and St. Louis County,

Mo., Human Development Corporation, 14307

migrant and seasonal farmworkers program in Phoenix, Ariz., under title 3 of economic opportunity act of 1964,

effectiveness and administration, GAO

report, 14309

pamphlets, 14120-122

Economic policy :

economic opportunity act, continuation of

programs, etc., hearings, 13925

financial developments in 1969, 2d quarter, 14229

Economic Research Service :

agricultural economic reports, 14123

ERS-foreign series, 14125

ERS series, 14124

Economics :

defense-related activity during 1969, 2d

quarter (statement), 13809

economic climate for collective bargaining,

facts, 14473

economic opportunity amendments of 1969,

hearings, 13925

health aspects of aging, toward a full

share in abundance, working paper,

14012

socio-economic projections through 1980,

subregions of Northeast Corridor, 14945

Economy, Alaska, semi-autonomous, aggregate, income model, 14193

EDA, *see* Economic Development Administration.

ED&T report, 14259-261

Education :

can television really teach? 14130

children in federally affected areas, 1968

annual report, 14127-128

educational assistance for gifted and talented

children, hearing, 13927

elementary and secondary education act,

handicapped children, selected projects,

14143

INDEX

- Education—Continued**
 enactments, 90th Congress, 2d session, 14055
 information centers, directory, 14131
 let's be practical about reading, 14137
 minority groups in U.S. (remarks), 14227
 new education, promise and performance (address), 14140
 nuclear education and research, conference on special topics, 13690
 opportunity grant program, 1969-70 allocations of Federal funds, 14052
 persons and families, Mar. 1969, selected characteristics, 13763
 problems of handicapped in inner city (remarks), 14132
 State departments, 1970-71 foreign curriculum consultant program, 14135
see also Curriculum—Elementary education—Secondary education—*also* subjects taught.
- Education and Labor Committee, House hearings, 13924-927**
- Education Office:**
 administration of higher education programs in foreign language and area studies, research and training opportunities abroad, 14142
 annual report, 1968, on administration of laws granting Federal aids to schools, 14127-128
 computer activities support, 14145
 Educational institutions, *see* Colleges and universities.
- Educators:**
 conservation in your life, services to educators, 14256
 Mexican-Americans, handbook for educators, 14139
- Edwards, R. D., control and reduction of oil mists from mechanical vacuum pumps, 13719**
- Edwards (U.S.S.):**
 loan, extension, agreement with Japan, 14913
- Effluents, brine, disposal from inland desalting plants, review and bibliography, 14407**
- Eggspuehler, J. J., study to determine flight profile and mission of certificated private pilot, 13646**
- Egypt, corrosive ground waters, selection of metal components for long-term development, 14357**
- Eigenfunctions, tables of eigenvalues of wave equation in prolate spheroidal coordinates, 14743**
- Eigenvalues, *see* Eigenfunctions.**
- El Abwal, Jalileh F. S., relief, 13844, 13980**
- Elastic strain, *see* Strains and stresses.**
- Elasticity, mechanisms with elastic couplings, dynamics and stability, 14650**
- Elastomers, production and sales, 14940**
- Elderly people, *see* Aged.**
- Eldorado National Forest:**
 camping and picnicking, 14252
 vehicle control area map and vehicle use rules in area, 14270
- Elections:**
 electoral college reform, amend U.S. constitution, hearings, 14048
 President, amend U.S. Constitution, hearings, 13940
 President and Vice President, amend U.S. constitution relating to electoral college reform, hearings, 14048
 Vice President, amend U.S. Constitution, hearings, 13940
 Electoral college, *see* Elections.
- Electric apparatus and appliances:**
 electrical appliance serviceman, suggested guide for training course, 14133
 facilities safe practices handbook, Air Force pamphlet, 13615
- Electric cables, universal wire stripper, description, 14761**
- Electric engineering, Navy Dept. design manual, change, 14722**
- Electric equipment, *see* Electric apparatus and appliances.**
- Electric generators:**
 colossal generating units at third power-plant, Grand Coulee Dam, 14828
 14.3-kilovolt-ampere modified Lundell alternator for 1200 Hertz Brayton-cycle spacepower system, performance characteristics, 14643
- Electric lamps, fluorescent, ballasts, shipments, 1958-68, patterns of industrial growth, 13729**
- Electric lines, power transmission facilities, improved appearance, 14835**
- Electric power plants, power transmission facilities, improved appearance, 14835**
- Electric resistance:**
 electrical resistivity measurements, Midway and Kure Atolls, 14353
 hyperstoichiometric columbium and zirconium carbide materials at elevated temperatures, 14553
- Electric stoves, *see* Stoves.**
- Electric wire and wiring, universal wire stripper, description, 14761**
- Electrical, *see* headings beginning Electric.**
- Electricity, national electric rate book, 14214-221**
- Electrochemistry, molten salts, Gibbs free energies and excess free energies from equilibrium-type cells, 14666**
- Electrodes, lanthanum fluoride activity and concentration in seawater, 14753**
- Electrolytes, nonaqueous, properties, 14590**
- Electromagnetism:**
 electromagnetic exploration of moon, report of conference, 14596
 thermal radiation heat transfer of materials predicted by electromagnetic theory, errata, 14595
- Electronic computers:**
 activities, Education Office support, 14145
 computer plotting description of ion-molecule collisions with long lived capture description, 14645
 programs—
 axial distribution of aerodynamic normal-force characteristics for axisymmetric multistage launch vehicles, errata, 14602
 computer-aided filter design manual, 14600
 viscous, isothermal compressible flow across sealing dam with small tilt angle, 14621
- Electronic data processing systems:**
 census tabulation available on computer tape series, 13771-772
 data handling equipment, electronic equipment modifications handbook, 14188
- FORTTRAN programs—**
 calculating velocities in magnified region on blade-to-blade stream surface of turbomachine, errata, 14603
 machine computation of group tables of finite groups, 14641
 processing of digital data logger STD tapes at Scripps Institution of Oceanography and Bureau of Commercial Fisheries, La Jolla, Calif., 13823
 summary tapes—
 second count from 1970 census of population and housing, 13771
 third count (block) from 1970 census of population and housing, 13772
 tagged arithmetic, 14619
- Electronic equipment:**
 maintenance, calibration and repair, measurement data, military standard, 14109
 modification handbook, data handling equipment, 14188
- Electronics Committee, American Association of State Highway Officials, proceedings, national conference, 14818**

- Electronics mechanics, training course, suggested guide, 14134
- Electrons:
electron transmission and bremsstrahlung production, experimental study, 14572
silicon electron detector, tables of response functions, 14673
- Elementary education, elementary and secondary education act, program guides, nos. 44 and 45-A, 14144
- Elgin, A. F., and wife, relief, 13834, 13971
- Elk:
habitat management, 14864
use of—
aspen grove in southwestern coniferous forests, 14281
Ponderosa pine forest in Arizona before and after timber harvest, 14282
- Elk River power reactor, *see* Reactors (atomic).
- Ellinger, Werner B., classification, class K, subclass KF, law of United States, 14482
- Ellsperman, L. M., asphaltic membranes for water seepage control, 14826
- Embassies, *see* Foreign Service.
- Emergencies, *see* Disasters.
- Emergency services, health services glossary, 14788
- Emitters:
thermionic converter with—
chloride vapor deposited tungsten emitter (110) and nickel collector, characteristics, 14587
fluoride vapor deposited tungsten emitter etched to preferentially expose 110 crystal planes, characteristics, 14571
- Empire quadrangle, Colo., geology, 14349
- Employee suggestions, *see* Suggestion systems.
- Employees, employee compensation, 1966 in private nonfarm economy, 14458
- Employment:
area trends in employment and unemployment, 14943
EDA, building communities with jobs, 14118
engineers, scientists, technicians, 14146
fellowships and summer stipends for younger humanists, 14678
green card aliens during labor disputes, hearings, 13926
job development for hard-to-employ, 14441
job situation in New York City, facts, 14475-476
job trends in New York City, facts, 14477
New York City, facts, 14474
opportunities, selected Indian reservation program, 14119
private nonfarm economy, 1966, employee compensation in, 14458
retired military personnel in Federal jobs, questions and answers, 13794
returning Peace Corps volunteers, Federal service opportunities, 13791
security automated reporting system, ESARS handbook, 14455
see also Discrimination in employment—Government officials and employees—Occupations.
- Employment Security Automated Reporting System, ESARS, management information system for employment security, handbook, 14435
- Emulsions, ultrasonically formed, laboratory oil recovery tests with, 14559
- Encephalitis, reported anthropod-borne encephalitis in horses and other equidae, 13555
- Energy, *see* Radiant energy.
- Engineering, *see* Biomedical engineering—Civil engineering—Electric engineering—Value engineering.
- Engineering geology, northern part of Pueblo, Colo., 14350
- Engineers:
America's, characteristics, 1960 and 1962 postcensal survey, 13775
job market, 14146
nuclear defense design professional development courses, 13781
Soil Conservation Service, 13596
Engineers Corps, Army, water resources development in New York, 14154
- Engines (aircraft):
aircraft engine procurement, potential for savings by reduction, Navy Dept. and Air Force Dept., GAO report, 14324
components, vibration and stability, investigation, 14652
large-scale 1.075-pressure-ratio tip-turbine cruise-fan propulsion system at angle of attack, subsonic aerodynamic characteristics, 14611
lubricants for inerted lubrication systems in engines for advanced aircraft, 14649
turbofan, predicting noise attenuation in acoustically treated ducts, studies, 14570
- English and metric systems of measurements, 14671
- Engleish Channel lights and fog signals, Hist, 14729
- Engraving and Printing Bureau, brief history, 14157
- Enright, Frank J. relief, 13892
- Environment:
body armor in hot humid environment, studies in unacclimatized men, 14512
conditions relating to harmful insects of mainland southeast Asia, 13657
health series—
radiological health, 14790
water supply and pollution control, 14791
highways and their environmental considerations, literature references, 14815
range environmental management, 14279
space environment, simulator, infrared spectral irradiance measurements, errata, 14604
- Environmental Control Administration, training institute, bulletin of courses, 14810
- Environmental Research Institutes, *see* Institutes for Environmental Research.
- Environmental safety, *see* Safety of life.
- Environmental Science Services Administration:
technical memorandums, 14163
technical reports, 14164-171
- Environmental Technical Applications Center, technical notes, 13620
- Enzymes, serum enzyme changes after physical exertion, 14504
- Equal employment opportunity, *see* Discrimination in employment.
- Equations:
isothermal, compressible flow across rotating sealing dams, 14614
wave, in prolate spheroidal coordinates, tables of eigenvalues, 14743
- Equations of motion:
computer plotting description of ion-molecule collisions with long-lived capture complexes, 14645
helicopter rotor in forward flight, method for analyzing aeroelastic stability, 14568
- Equilibrium, chemical equilibrium of ablation materials, including condensed species, 14636
- Equine encephalitis, *see* Encephalitis.
- Equipment development ED&T report, 14259-261
- Eriksen, Lars E., aerodynamic effects of bulbous bases, 14509
- ERL, *see* ESSA Research Laboratories.

INDEX

Error analysis:
 controlled failure-mode tests, some liquid oxygen/liquid hydrogen explosive effects, 14629
 manipulation errors in finite element analysis of structures, 14572
ERS, see Economic Research Service.
ESARS, see Employment Security Automated Reporting System.
Escondido Creek, San Antonio River basin, Tex., hydrologic data, compilation, 14339
ESEA, see Elementary education—Secondary education.
Eskimos, graphic arts of Alaskan Eskimo, 14402
ESSA Research Laboratories:
 ESSA technical reports—
 ERL—ESL series, 14164
 ERL—ITS series, 14165-167
 ERL—POL series, 14168-169
 ERL—SDL series, 14170
 scientific and technical publications—
 list, 14177
 management information, 14174-175
Estuaries:
 clean water for nation's estuaries proceedings, public meeting on water quality management for estuaries, 14239
 Potomac River at Washington, D.C., movement of solute at low inflow conditions, 14337
Ethics, acquisition and development of values, perspective on research, conference report, 14682
Etzet, J. G., development of weld quality monitor, 14609
Eureka to Point Conception, Calif., coastal warning facilities chart, 14965
Europe:
 Eastern, social science research, special papers available, 14904
 school system for overseas dependents, Defense Dept., GAO report, 14323
 Western, rising construction costs and anti-inflation policies, report, 14464
Evans, Melvin H., nomination, hearing, 14044
Evaristo, Maria da C., relief, 13966
Everglades National Park additional lands, acquisition, report, 13990
Examinations, see Civil service—also types or subjects of examinations.
Excise taxes:
 information on 1969 excise taxes, 14415
 internal revenue bulletin, cumulative, index-digest supplement system, 14413
Exercise, serum enzyme changes after physical exertion, 14504
Exhibitions:
 international expositions held in United States, Federal Government recognition and participation, hearings, 13929
 Werner Crewes woodcuts, catalogue, 14677
 see also subjects.
Expansion (solids):
 desiccated clays during construction, controlling, 14829
Expansion (thermal):
 thermal ram, new concept for load application, 13672
Expenditures, rural income and expenditure survey in Vietnam, initial report, 14425
Experiments and experimentation:
 processing and display, using digitized ATS-1 spin scan camera data, 14171
 summary of individual requirements, study for biotechnology laboratory for manned earth orbiting missions, 14581
Explorations, see Outer space.
Explosions:
 shipyard hazards, maritime safety data, 14445
 some liquid oxygen/liquid hydrogen explosive effects in controlled failure-mode tests, 14629
Explosives, see Atomic blastings.

Exports, see names or classes of articles exported.
Expositions, see Exhibitions.
Exposure, structural ferrous metals, 16 years' exposure to sea and fresh water, in tropical environments, 14744
Eyeglasses, see Spectacles.

F

FAA, see Federal Aviation Administration.
Failure analysis, see Error analysis.
Failure criteria for filamentary composites, 14618
Fairs, United States trade shows and exhibitions, 1970, list, 14959
Fallout, see Radioactivity.
Falvey, H. T., spectral analysis, prototype study, 14840
Families:
 average family income up 8 percent in 1968, 13769
 characteristics of persons and families, Mar. 1969, income, poverty, etc., 13763
 food for family with young children, 13587
 low-income—
 nation's program to help lower income families become homeowners (address), 14382
 nonprofit sponsors of housing, general information, 14389
 rural families, economic opportunity loan program under Farmers Home Administration, administration and effectiveness, GAO report, 14304
 see also Households.
Family planning, see Birth control.
Fans, cruise, large-scale 1.075-pressure-ratio tip-turbine propulsion system, subsonic performance characteristics, 14610
Farberow, Norman L., bibliography on suicide and suicide prevention, 14782
Farina, Sabina, R., relief, 13871
Farm labor, migrant and seasonal farmworkers program in Phoenix, Ariz., effectiveness and administration, GAO report, 14309
Farm workers, see Farm labor.
Farmers, low-income, FHA insured operating loans, provide, hearing, 14014
Farmers' bulletin, 13584-586
Farmers Home Administration:
 consolidated act of 1961, amend, hearing, 13911, 14014
 economic opportunity loan program for low-income rural families, administration and effectiveness, GAO report, 14304
 insured operating loans to low-income farmers and ranchers, authorize, hearings, 14014
 programs strengthen family farms and rural communities and reduce poverty, 13600
Farms:
 beef slaughtering, cutting, and processing, 13585
 excess deductions account for farm losses, tax reform press releases announcing tentative decisions, 13945
 Farmers Home Administration strengthens family farms, 13609
 real estate market developments, 14126
Fasteners, see Fastenings.
Fastenings, threaded fasteners, Federal item identification guide, change, 14093
Fatigue of materials, see Strains and stresses.
Fatta, Francesca A., see Milonzi, Francesca A.
Faucets, recreation sites, Equip tips, 14260
Fauna:
 bottom-dwelling macrofauna, role in water pollution investigations, 14791
 North American, 14883
fbEs, see Ionosphere.

- FDA, *see* Food and Drug Administration.
- Feder, Ernest, analytical and experimental studies for predicting noise attenuation in acoustically treated ducts for turbofan engines, 14570
- Federal agencies, *see* Government offices.
- Federal aid, *see* Grants-in-aid.
- Federal Aviation Administration:
air traffic, activity, report, 14183
Federal aviation regulations, 14184-186
handbook series, 14188
Systems Research and Development Service scientific and technical reports, list, 14938
- Federal credit unions, development, 14191
- Federal employees, *see* Government officials and employees.
- Federal employment, *see* Employment.
- Federal Health Programs Service, annual statistical summary, 14792
- Federal Home Loan Bank Board:
annual report, 14203
financial statement, 1968, GAO report, 14316
member, nomination of Thomas H. Clarke, hearing, 14018
- Federal home loan banks, financial statements, 1969, GAO examination, 14317
- Federal Housing Administration:
financial statements, GAO examination, 14318
loans for property improvement, dealer and contractor guide, 14388
manual, mortgagees handbook, home mortgage programs, revisions, 14207
mortgage insurance, manufactured housing, technically suitable, 14205
- Federal item identification guides:
capacitors, fixed, 14085
improvement program procedures manual, 14082
junction boxes, 14086
keys and pins, change, 14087
lens, lighting, 14088
lift trucks, fork, platform, and pallet, 14089
medicaments, 14090
nuts, 14091
ranges, electric, gas, and oil burning, change, 14092
threaded fasteners, change, 14093
- Federal Maritime Commission:
regulatory functions (remarks), 14210
SP series, 14208-211
- Federal Power Commission:
publications, list, 14222
reports, opinions, decisions, and orders, bound volume, errata, 14213
- Federal regulations, *see* subject.
- Federal reserve member banks:
reserves, regulations, 14230
supplement, 14231
- Federal Reserve System Board of Governors, regulation series, 14230-233
- Federal Savings and Loan Insurance Corporation, financial statement, 14202
- Federal service, *see* Civil service.
- Federal specifications, *see* Government supplies.
- Federal standards, 14236-237
- Federal standards policy program, address, 13805
- Federal-State-local relations, *see* Intergovernmental relations.
- Federal Trade Commission, consumer bulletins, 14238
- Fees:
license fees under perishable agricultural commodities act of 1930, increase, hearing, 13912
witnesses before House of Representatives, increase, report, 13908
- Fellowships:
senior fellowships, 1970-71, announcement poster, 14697
summer stipends for younger humanists, 14678
- Fenuron, soil-applied, for selective control of brush on chaparral watersheds, 14283
- Ferber, Ellen, it's Y.O.U., 14136
- Ferman, Louis, job development for hard-to-employ, 14441
- Ferrokinetics, modified 59 Fe ferrokinetic procedure, 13632
- Ferromagnetism, *see* Magnetism.
- Fertility, persons and families, Mar. 1969, selected characteristics, 13763
- Fetus, and new born, hemolytic disease due to RH isommunization, 13777
- FHA, *see* Farmers Home Administration—Federal Housing Administration.
- Fiberglass, *see* Glass fibers.
- Fibers, surface chemistry of plastics reinforced by strong fibers, 14775
- Fichman, Philip J., relief, 13883
- FIG, *see* Federal item identification guides.
- Filamentary materials, filamentary composites, failure criteria, 14618
- Film slides, use of slides, etc. of paper money, postage and revenue stamps, and other obligations and securities of United States and foreign governments, 14851
- Films (coatings):
polyethylene, polypropylene, and poly (ethylene terephthalate), molecular orientation and mechanical anisotropy, 14628
- Films (photography), *see* Motion pictures.
- Filters and filtration, computer-aided filter design manual, 14600
- Finance:
accounting and finance manual, DSA, change, 14084
financial developments in 1969, 2d quarter, 14229
financial statements—
Federal Home Loan Bank Board, GAO examination, 14316
Federal home loan banks, GAO examination, 14317
Federal Housing Administration, GAO examination, 14318
Federal Savings and Loan Insurance Corporation, 14202
International Development Agency, loan program financial activities, status, June 30, 1968, GAO review, 14305
toward a new fiscal federalism (remarks), 14953
see also International finance.
- Finance Committee, Senate:
committee prints, 14024, 14026-30
hearing, 14025
report, 13997
- Financial statements, *see* Finance.
- Fine, M. M., metallization of iron ores with solid reductants, 14554
- Fire:
Douglas—
estimating defoliation by western budworm, 14287
intensive culture, 14267
timber, response of deer to alternate-strip clear-cutting of lodgepole pine and spruce-fir timber in Colorado, 14284
White, estimating defoliation by western budworm, 14287
- Fire fighting, *see* Fires.
- Fire retardants, *see* Fires.
- Firearms, revenue rulings, etc., internal revenue bulletin, cumulative index-digest supplement system, supp., 14414.
- Fire-resistant material, glove evaluation for gloveboxes, fire safety application, 13720

INDEX

- Fires:**
 firefighting exercises, manual, 14740
 glovebox fire safety application—
 fire resistant glove materials, evaluation, 13720
 mechanical vacuum pumps, control and reduction of oil mists, 13719
 retardant paint system for nuclear submarine interiors, 14749
 shipyard hazards, maritime safety data, 14445
Fiscal policy, see Finance.
Fish and fisheries:
 BCF acoustical workshop, proceedings, 13821
 Chesapeake fisheries, annual summary, 13813
 current fishery statistics, CFS series 13811-816
 fish and fishing around TVA steam plants, 14942
 fish passage report, Bonneville, The Dalles, John Day, McNary, and Ice Harbor Dams, 14148
 fishery marketing development series, 13820
 fishery publication index, 13818
 Great Lakes, 1967 annual summary, 13815
 Maine landings, 13814
 middle Atlantic Ocean western region, agreement with Poland, 14915
 South Atlantic fisheries, 1967 annual summary, 13816
 special scientific reports, fisheries series, 13822-823
 sport fishery research, 1968 progress, 14885
 Virginia landings, 13812
 see also names or classes of fish.
Fish and Wildlife Service:
 fishery marketing development series, 13820
 fishery publication index, 1955-64, by series, authors, and subjects, 13818
Fish meal, production, annual summary, 13811
Fish oil, production, annual summary, 13811
Fisheries, see Fish and fisheries.
Fishery marketing development series, 13820
Fishing, see Fish and fisheries.
Fission products, fuel element leakage at NASA Plum Brook Reactor, causes, measurements, and elimination, 14622
Flame straightening and its effect on base metal properties, 14854
Flames, low-pressure, candidate re-entry blackout suppressants in vaporization and decomposition kinetics, 14567
Flaming Gorge National Recreation area, general information, 14262
Flaps (aircraft):
 external-flow jet-augmented flaps on jet transport model, static and dynamic stability derivatives, 14646
 STOL aircraft configuration equipped with external-flow jet flap, wind-tunnel investigation, 14617
Flashbulb spotting round for testing proximity fuzes, 14763
Flathead Indians, judgment funds, disposition report, 14003
Flatley, Thomas W., attitude stability of class of partially flexible spinning satellites, 14606
Fleet Marine Force manual FMFM series, 14484
Flies, Nearctic sawflies, Selandriinae, adults (Hymenoptera: Tenthredinidae), 13608
Flight:
 helicopter rotor in forward flight, method for analyzing aeroclastic stability, 14568
 profile and mission of certificated private pilot, study to determine, 13646
 rules, Federal aviation regulations, 14186
Flight crews:
 aircraft attitudes and job satisfaction, trends, 2 year study, 13630
 aircrew station geometry for military aircraft, military standard, 14107
Flight officers, naval flight officer student prediction system, expansion, 14499
Flight training, see Flight.
Floods, flood plain information, South Fork Eel River, Phillipsville to Garberville, 14150
Floors and flooring, failure of floor tile systems, investigation, 14204
Florida:
 census of business, 1967, retail trade, area statistics, 13735
 water resources data, 14362-365
Flow:
 acoustic velocity meter for measurement of net outflow from Sacramento, San Joaquin delta in Calif., feasibility study of use, 14372
 airflow distribution for annular gas turbine combustors, analysis, 14631
 external-flow jet-augmented flaps on jet transport model, static and dynamic stability derivatives, 14646
 field measurements downstream of two protuberances on flat plate submerged turbulent boundary layer at Mach 2.49 and 4.44, 14608
 isothermal, compressible across rotating sealing dam, analysis, 14614
 magnetoaerodynamic, around blunt bodies, experimental investigation, 14574
 mechanics, from stratified reservoirs in interest of water quality, 14156
 viscous, isothermal, compressible, across sealing dam with small tilt angle, computer program, 14621
Flow of water, see Hydraulics.
Flukes, see also Liver flukes.
Fluorescent lamps, see Electric lamps.
Fluorides:
 activity and concentration in seawater using lanthanum fluoride electrode, measurement, 14753
 thermionic converter with fluoride vapor deposited tungsten emitter etched to preferentially expose 110 crystal planes, characteristics, 14571
Fluorocarbons, in epoxy plastics, 14747
Flux (neutron), see Neutrons.
FMC SP series, 14208-211
Fog signals, Naval Oceanographic Office, list, British Isles, etc., 14729
Food:
 Camille, food help, picture story, 19603
 dietary levels of households in United States, 13592
 food and your weight, 13590
 for family with young children, 13587
 household consumption survey, 1965-66, reports, 13592
 human needs, national nutrition survey, hearings, 14058
 new products from industry, how authorized for use by Armed Forces, 14095
 pantothenic acid, vitamin B6 and vitamin B12, 13591
 prices and living costs, background material, 14471
 technical publications, July-Dec. 1968, FDA, 14247
 see also Food poisoning—School lunches.
Food and Drug Administration, selected technical publications, 14247
Food poisoning, foodborne outbreaks, National Communicable Disease Center, 1968, annual summary, 14798
Football, 6-cent football commemorative postage stamp (poster), 14767
Forage plants, alpine forages in Wyoming, in vitro digestibility, 14288

- Foraminifera, and stratigraphy of upper part of Pierre shale and lower part of Fox Hills sandstone, north-central South Dakota, 14348
- Forbes, Jack D., Mexican-Americans, handbook for educators, 14139
- Ford's Theatre, general information, 14703
- Foreign Affairs Committee, House, hearings, 13929-929
- Foreign Affairs Research Documentation Center, special papers available, 14904
- Foreign agents, registration act, administration, report, 14434
- Foreign aid:
economic cooperation, agreement with Spain, 14909
foreign assistance act of 1961, amend, hearings, 13928
foreign assistance act of 1969, hearings, 13928
technical cooperation, agreement with Afghanistan, 14920
U.S., in east Asia, 14428
see also names of countries.
- Foreign commerce, *see* Commerce.
- Foreign countries:
background notes, 14890-14903
developing countries, manpower surveys and reports, 1958-68, summaries, 14459
foreign economic trends and their implications for United States, ET series, 14418-423
living quarters allowances, State Department, 14489
oceangoing foreign flag merchant type ships of 1,000 tons and over owned by United States parent companies, 14489-490
restrict transfers of capital to foreign countries by substantial investors in U.S., etc., 14432
scientists and technicians from other countries, intern-training opportunities provided by U.S. Geological Survey, 14341
see also Foreign agents.
- Foreign currencies, *see* Paper money.
- Foreign language, *see* Language and languages.
- Foreign policy, *see* International relations.
- Foreign products available for production in U.S. under licensee agreements, 14424
- Foreign regulations affecting U.S. textile/apparel exports, 13726
- Foreign relations, *see* International relations.
- Foreign Relations Committee, Senate, hearings, 14031
- Foreign Service:
diplomatic and consular instructions, 1791-1801, State Dept. pamphlet to accompany microcopy, 14655
embassy sites, agreement with Union of Soviet Socialist Republics, 14907
- Foreign trade, *see* Commerce.
- Foreigners, *see* Aliens.
- Forest conservation, *see* Forests and forestry.
- Forest fires, 1968 wildfire statistics, 14298
- Forest management, Oregon Cascades, management direction for wilderness and primary recreation zones of national forests, 14269
- Forest pest leaflets, 14263
- Forest planting, *see* Forests and forestry.
- Forest Products Laboratory, annual report of research, 14249
- Forest Service:
equipment development ED&T report, 14259-261
Intermountain region yearbook, national forests in profile, 14273
research notes, 14281-288
research papers, 14289-291
- Forest thinning, thinning program for Malheur National Forest, 14296
- Forestry, *see* Forests and forestry.
- Forests and forestry:
conservation in your life, services to educators, 14256
research notes, 14281-288
research papers, 14289-291
saving forests and related wildlife resources from insects and diseases, 13599
southwestern coniferous forests, aspen grove use by deer, elk, and cattle, 14281
starting a community forest, 14293
suggestions for integrating forestry in modern curriculum, 14294
see also National forests.
- Fork lift trucks, *see* Motortrucks.
- Forms, *see* names of departments, etc., issuing or using forms.
- Forstall, John R., manikin measurements of noise attenuation provided by flight helmets, 14503
- Fort Berthold Reservation, lands, hold in trust, report, 14006
- Fort McHenry National Monument and Historic Shrine, incidents relative to writing of Star-Spangled Banner, 14704
- Fort Point National Historic Site, proposal, 14701
- FORTTRAN, *see* Electronic data processing system.
- Foshag, W. F., lifting horizontal-axis rotating-wing aeronautical systems (HAR-WAS), review and evaluation, 13677
- Foundation (charitable and educational): foundations and nonprofit research institutes, 1966, 1969, support of medical research and education, 14695
tax-exempt foundations and charitable trusts, their impact on our economy, 13942
see also Charitable institutions.
- Foundries, iron and steel, industry wage survey, 14457
- 4-H clubs, reports to nation, 14192
- Fowkes, Richard S., materials handling research, hydraulic transportation of coarse solids, 14549
- Foxes, red fox habitat needs, etc., 14870
- FPL, *see* Forest Products Laboratory.
- Fraas, Foster, magnetic separation of minerals of low susceptibility and small particle size, 14555
- Fracture of metals:
fatigue-crack growth in 7075-T6 and 2024-T3 aluminum alloy specimens, effect of stress ratio, 14635
thermal fatigue cracking and oxidation of nickel-and cobalt-base alloys in high velocity gas stream, 14624
- France:
air transport services, agreement, 14928
plant quarantine import requirements, 13547
- Franchises (business): franchise company data, equal opportunity in business, 13727
- Fraud, mail, laws protecting consumers, investors, businessmen, medical patients, students, 14771
- Frear, Samuel T., Willamette 1968, a national forest and national wilderness preservation system, 1968 annual report, 14299
- Freeman, Delma C., Jr., static and dynamic stability derivatives of model of a jet transport equipped with external-flow jet-augmented flaps, 14646
- Freeways, *see* Roads and highways.
- Freezing, home freezing of fruits and vegetables, 13589
- French Guiana, plant quarantine import requirements, 13548
- Friction, reverted rubber friction, laboratory experiments, 14577

INDEX

Friedman, Robert, experimental measurements of expanding storable-propellant products simulated by combustion of gaseous reactants, 14642
 Fruit:
 home canning, 13588
 home freezing, 13589
 Fry, Emmett B., use of six-degrees-of-freedom motion simulator for VTOL hovering tasks, 14630
 Fuel elements, *see* Reactor fuel elements.
 Fuentes, John F., and wife, relief, 13901
 Funesti, Robert J., BNDD bulletin, 14564
 Fungicides, act., administration deficiencies, hearings, 13930
 Fuses (ignition device):
 flashbulb spotting round for testing proximity fuzes, 14763
 Future NASA space programs, 14011
 Fuzes, *see* Fuses (ignition device).

G

Gages, vacuum gage calibration from 10⁻⁵ to 10 torr, volume-ratio system, evaluation, 14644
 see also Strain gages.
 Gaging stations:
 northwestern California stream-gaging stations, variations in low-water stream-bed elevators, 14373
 water load of uranium, radium, and gross beta activity at selected stations, 14371
 Gair, Jacob E., iron resources in Irving Formation, 14329
 Gallagher, Joseph J., peat, 14547
 Gallatin County, Ill., soil survey report, 14874
 Gallinules, hunting, possession, transportation, and/or importation, 1969-70, in United States, etc., Federal regulations governing, 14884
 Gallop, Renee L., job market for engineers, scientists, technicians, 14146
 Gamatero, Dallah, A., relief, 13870
 Game and game birds:
 big-game habitat, 14250
 migratory birds, 1969-70 in United States, etc., Federal regulations governing hunting, possession, transportation, and/or importation, 14884
 Game birds, *see* Game and game birds.
 Gamma rays:
 gamma probe calibration tests, 14833
 transport through slab shields, experimental and theoretical studies, 13692
 GAO, *see* General Accounting Office.
 Gardens, home and garden bulletins, 13587-590
 Gary, Ind., Neighborhood Youth Corps program, effectiveness and administrative efficiency, GAO report, 14310
 Gas:
 Alaska-Northwest Canada, economic activities comparison of mining laws and oil and gas laws and practices with recommendations for policy, 14194
 high velocity stream, nickel-and cobalt-base alloys in, oxidation and thermal fatigue cracking, 14624
 injection into lithosphere at National Reactor Testing Station, Idaho Falls, Idaho, 13696
 residual analysis during vacuum melting, mass spectrometry, 14556
 Gas dynamics, *see* Aerodynamics.
 Gas stoves, *see* Stoves.
 Gas turbines, *see* Turbines.
 Gaseous-hydrogen pressurant requirements for discharge of liquid hydrogen from 3.96-meter-(13-ft-) diameter spherical tank, 14632

Gases:
 compressed gas handbook, errata, 14599
 gaseous reactants, experimental measurements of expanding storable-propellant products simulated by combustion, 14642
 hazards trainer, maritime safety data, 14443
 Gazetteers, *see* Geographical names
 Geese, hunting, possession, transportation, and/or importation, 1969-70 in United States, etc., Federal regulations governing, 14884
 Genealogy, records in National Archives, 14654
 General Accounting Office:
 annual report—
 departmental edition, 14301
 document edition, 13850
 appropriations, 1970, legislative hearings, 13917
 policy and procedures manual for guidance of Federal agencies, 14230
 publications, list, 14303
 General Services Administration, building operational review guide, handbook, 14776
 Generators, *see* names or types of generators.
 Geochemistry, geochemistry of water (series), 14371
 Geographic Names Board, gazetteers, 14326-327
 Geographical names:
 gazetteers, 14326-327
 Mozambique, standard place names, 14327
 Spanish Sahara, standard place names, 14326
 Geological Survey:
 bulletins, 14328-335
 California well data and water levels references, 14336
 circulars, 14337
 intern-training opportunities provided for scientists and technicians from other countries, 14341
 map-pricing practices, opportunity to increase revenues through changes, GAO report, 14322
 professional papers, 14345-353
 research 1969, chap. C, 14352
 tracer study, Amargosa Desert, Nye County, Nev., exploratory drilling, tracer well construction and testing, and preliminary findings, 14360
 water supply papers, 14371-377
 Geology:
 Bear Peak area, Dona Ana County, N. Mex., 14331
 contributions to economic geology (series), 14332, 14335
 diagenesis of tuffs in Barstow formation, Mud Hills, San Bernardino County, Calif., 14351
 Empire quadrangle, Grand, Gilpin, and Clear Creek Counties, Colo., 14349
 general and engineering, of northern part of Pueblo, Colo., 14330
 geologic problems, graphical solutions, 14880
 geologic story of Mount Rainier, 14334
 Geological Survey research 1969, chap. C, 14352
 Midway area, Hawaiian Islands (series), 14353
 seismic intensity data used to predict effects of earthquakes and underground nuclear explosions in various geologic settings, 14333
 see also Cenozoic era.
 Geomagnetic field, induction loop antennas for variation measurements, 14164
 Geometry, aircraft station geometry for military aircraft, military standard, 14107
 Georgetown University, D.C., Students for a Democratic Society, activities, investigation, hearings, 13933

Georgia:

- Agricultural Stabilization and Conservation Service, activity summary, congressional districts, 13561
- climate, 14159
- uranium reconnaissance, preliminary, 13712

Germany:

- German air force, 1919-39
- command and leadership, 13637
- development, 13638

Germicides, *see* Antiseptics.

Gerontology Research Center, general information, 14688

Ghana, guide to official publications, 1872-1968, 14482

Glanutsoo, Peter E., relief, 13903

Gibson, A. E.:

remarks,—

Sept. 10, 1969, 14487

Sept. 22, 1969, 14488

Gibson, Sharon K., franchise company data,

equal opportunity in business, 13727

Gifford Pinchot National Forest, Mt. St.

Helens-Spirit Lake area, general information, 14271

Gifted children, *see* Children.

Gila River Indian Reservation, Neighborhood Youth Corps program, effectiveness and administrative efficiency, GAO report, 14311

Gill, Kenneth A., Jr., cryotherapy in treatment of snake envenomation, 14507

Gipin County, Colo., Empire quadrangle, geology, 14349

Girl Scouts of United States of America, annual report, 13857

Girls, expanding opportunities, their special counseling needs, 14909

Glacial period, iron resources in Irving Formation, 14329

Glacier Bay National Monument, general information, 14702

Glacier Peak, North Cascades, Wash., batholiths and volcanoes, intrusion and eruption of late Cenozoic magmas, 14347

Glaser, Rudolf F., longitudinal mass-spring modeling of launch vehicles, 14620

Glass-fabric-polyester laminates, *see* Laminated materials.

Glass fibers, reinforced plastic laminates, capacitive measurement system for non-destructive testing, 13671

Glasses, *see* Spectacles.

Glossaries, emergency health services, 14788

Glossbreiner, Guy F., Commerce Department publications, catalog and index, 1968 supplement, 13810

Glove boxes:

glovebox fire safety application—

fire resistant glove materials, evaluation, 13720

mechanical vacuum pumps, control and reduction of oil mists, 13710

Goddard Space Flight Center, significant accomplishments in science, 1968, proceedings of symposium, 14598

Goggles, *see* Spectacles.

Gold:

Cripple Creek district, Colo., distribution, 14350

investigations in Precambrian clastic and pelitic rocks, southwestern Colorado and northern New Mexico, 14332

Goldman, K., performance evaluation of heat-exchangers for sodium-cooled reactors, 13721

Goldston, Stephen E., mental health considerations in public health, 14690

Good housekeeping for successful safety program, 14446

Goshen Valley, selected hydrologic data, 14361

Gott, Garland B., distribution of gold and other metals in Cripple Creek district, Colo., 14350

Gould, Alan E., economic climate for collective bargaining, facts, 14473

Goutmann, Michel M., relief, 13977

Government:

Alaska recreation and government policies, 14196

local government, planning and administrative personnel, pilot study, 14461

United States foreign credits, 14949

Government contracts, Interior Department, research and development guide, 14401

Government life insurance, *see* Life Insurance.

Government offices:

Government organization manual, 14224

policies and procedures, General Accounting Office guidance manual, 14230

realigning regional boundaries of certain Federal agencies, hearing, 13931

Government officials and employees:

court leave for employees of United States and District of Columbia, correct inequities report, 13907

pay comparability system act of 1969, summary and text of bill as introduced 13937

salary and retirement annuity increases, 13938

toward equal opportunity in Federal employment, 13796

Government Operations Committee, House,

hearings, 13930-932

Government Operations Committee, Senate:

committee prints, 14035, 14037

hearings, 14032-034, 14036, 14038

Government organization manual, 14224

Government Printing Office, appropriations, 1970, legislative, hearings, 13917

Government Procurement Commission, establish, hearing, 14033

see also names of departments, etc., issuing publications.

Government reorganization plans:

Post Office Department, proposals, hearings, 13935

realigning regional boundaries of certain Federal agencies, hearing, 13931

Government specifications, *see* Government supplies.

Government supplies:

Federal item identification guides improvement program procedures manual, change, 14082

Federal specifications, 14235

Federal specifications and standards, guide, 14325

Federal standards, 14236-237

overseas U.S. agencies, effectiveness in meeting supply requirements, GAO report, 14314

Grade crossings, *see* Railroad crossings.

Gradients (mathematics):

density gradients near liquid/air interface, 14742

Grading and marking (students):

course grades for 2 naval air training schools, optimal weighting, 14500

Grand Banks, Newfoundland region, 1967, oceanography, 13801

Grand Canyon National Park, North Rim, general information, 14713

Grand Coulee Dam, colossal generating units at third powerplant, 14828

Grand County, Colo., Empire quadrangle, geology, 14349

Granger, M. L., river highway for trade, the Savannah, 14153

Grants-in-aid:

airport/airways development program, hearings, 14020

airports, Federal aviation regulations, change, 14185

child nutrition and school food assistance, hearings, 14058

INDEX

Grants-in-aid—Continued
communicable disease control, authorization, hearing, 14054
education, gifted and talented children, hearing, 13927
Federal aid—
and highway safety programs, hearings, 13939
education of children in federally affected areas, 1968 annual report, 14127-128
higher education programs in foreign language and area studies, research and training opportunities abroad, 14142
hospital and medical facilities construction and modernization amendments of 1969, hearings, 14056
HUD, nonmetropolitan district planning assistance, 14390
Interior Department, research and development, guide, 14401
manpower research institutional program, first three years, 14439
medical library assistance act for 1965, extend, hearing, 14057
student assistance programs, 1969-70 allocations of Federal funds for education purposes, 14052
Graphic arts, *see* Art.
Graphical solutions of geologic problems, 14880
Graphite, minerals yearbook chapter, 14527
Grasses, grazing values on undisturbed chaparral versus areas converted to grass, Tonto Springs Range, 14264
Grasshoppers, survey, species field guide, 13541
Gravitation, natural frequency of liquids in annular cylinders under low gravitational conditions, 14648
Gravity, measurements and standards laboratory, 14675
Grazing:
grazing values on undisturbed chaparral versus areas converted to grass, Tonto Springs Range, 14264
management systems and some pertinent literature 1895-1966, discussion, 14257
Great Britain:
lights and fog signals, list, 14720
United Kingdom, projected level of demand, supply, and imports of agricultural products, 1970, 1975, and 1980, summary, 14125
Great Lakes, fisheries, annual summary, 13815
Great Lakes Fishery Laboratory, Ann Arbor, Mich., general information, 13819
Green, John N., relief, 13893
Greene, James W., relationship of naval aviator's speech discrimination test to pure tone audiogram, 14498
Greenfield, Sidney H., hail resistance of roofing products, 14662
Greenlee County, Ariz., mineral resources of Blue Range primitive area, 14328
Greenville, S.C., area wage survey, 14453
Grosch, C. B., method of deriving orbital perturbing parameters from onboard optical measurements of ejected probe or natural satellite, 14584
Ground, *see* Earth—Land.
Ground support equipment, functional classification categories, military standard, 14103
Ground water, *see* Water.
Ground waves, *see* Radio waves.
Grout, Jarrell C., general computer program for solving nonlinear regression problems, 14531
GSA, *see* General Services Administration.
Guadeloupe, plant quarantine import requirements, 13549

Guam:
census of business, 1967, manufactures, and mineral industries, 13755
Governor, nomination of Carlos G. Camacho, hearing, 14044
Guaymas, Mexico, despatches from U.S. consuls, 1832-96, pamphlet to accompany microcopy, 14660
Guernsey cattle, *see* Cattle.
Guide to specifications, and standards of Federal government, 14325
Guido, Pedro L., relief, 13896
Guinea, background notes, 14898
Gulf of Alaska, *see* Alaska, Gulf of.
Gulf of Mexico, *see* Mexico, Gulf of.
Gunderloy, Frank C., Jr., dilute solution reactions of nitrate ion as applied to water reclamation, 14245
Gussow, Sidney, computer-aided filter design manuals, 14600
Gyroscopes, strapdown, for dynamic environment, design, interim scientific report, 14575
H
Habitat:
management for—
elk, 14864
mule deer, 14865
Hafnium, minerals yearbook chapter, 14562
Hafnium oxide, stabilized with calcium, magnesium, and yttria, effects of cyclic heating and thermal shock, 14607
Hail, resistance of roofing products, 14662
Hair, J. L., construction techniques and costs for underground emplacement of nuclear explosives, 13708
Halibut fishery, 1888-1966, eastern Pacific, 13820
Hallam power reactor, *see* reactors (atomic).
Hamilton, Horace E., radioprotection of primates with 2-(1-decylamino)ethanethiosulfuric acid in dimethyl sulfoxide, 13628
Handbooks, *see* names of departments, etc., issuing handbooks—also subjects.
Handicapped:
children, selected projects under P.L. 89-313, and title 6-A, ESEA, 14143
education problems in inner city (remarks), 14132
opportunities for the hard of hearing and the deaf, 14847
see also Disabled.
Hanish, S., tables of eigenvalues of wave equation in prolate spheroidal coordinates, 14743
Hanle, William O., relief, 13888
Hannold, Thomas I., flashbulb spotting round for testing proximity fuzes, 14763
Harbors, *see* names of harbors, or places where located.
Hard-of-hearing, *see* Deaf.
Harlie, John, remarks, Aug. 16, 1969, 14208
Harris, Daniel, staff study of campus riots and disorders, Oct. 1967-May 1969, 14037
Harry Diamond Laboratories, HDL technical disclosure bulletins, 14761
Havens, Richard, chemical stabilization of uranium tailings at Tuba City, Ariz., 14552
Hawaii:
geology of Midway area (series), 14353
warning facilities chart, 14967
Hay, George C., experiments with icephobic surfaces, 13644
Hazardous substances:
shipment, study of uniform reporting system for all modes of transportation in reporting incidents and accidents, 14721
symbols for packages and containers for hazardous industrial chemicals and materials, military standard, 14108
transportation of dangerous articles, etc., Federal aviation regulations, 14186
HDL, *see* Harry Diamond Laboratories.

Health:

- aged, health aspects of economics of aging, working paper, 14012
- arthropods, reptiles, birds and mammals of public health significance, pictorial keys, 14799
- coal miners, improve working conditions, hearings, 14053
- community health—
dental health in community care programs, small fry smiles, guide for teaching, 14696
projects, approved, classification by broad areas of activity, 14783
emergency health series, 14788
emergency health services, glossary, 14788
environmental health series—
radiological health, 14790
water supply and pollution control, 14791
- Health Examination Survey plan and operation for U.S. youths 12-17 years of age, 14811
- professions, scholarship program, career information, 14689
- public, mental health considerations, 14690
- Public Health Service act, amend, hearings, 14056
- sector, changing patterns of costs and structure (address), 14462
- statistics, programs and collection procedures, 14811
- vital and health statistics series, PHS publication 1000, current listing, 14785
see also Medical care.
- Health and Safety Laboratory:
AEC fallout program, quarterly summary report, 13694
appendix, 13695
- Health centers, Public Health Service Indian and Alaska native hospitals, contract hospitals, field health, annual statistical review, 14780
- Health insurance:
accrued cost of SMI program for 1966 and 1967, 14862
SMI benefit experience for 1966-68 as shown on payment records, 14861
SMI program on cash basis, current experience, 14863
- Hearn, George H., remarks, Sept. 4, 1969, 14210
- Heart, cardiac catheters, simple method for percutaneous introduction, 14497
- Heat, body armor in hot humid environment, studies in unacclimatized men, 14512
see also Temperature—Thermal expansion.
- Heat exchangers, performance evaluation, for sodium-cooled reactors, 13721
- Heat transfer, thermal radiation, blackbody, electromagnetic theory, and material properties, errata, 14595
- Heating, cyclic, and thermal shock, effects on hafnia stabilized with calcia, magnesita, and yttria, 14607
- Hee, Olman, statistical analysis of U.S. demand for phosphate rock, potash, and nitrogen, 14529
- Hegemann, Bernard A., relief, 13838, 13983
- Heine, Lea, me, 14120
- Helicopters:
light helicopter cargo hooks, brackets for, description, 14259
rotors, method for analyzing aeroelastic stability in forward flight, 14568
- Heliports, Army airfield and heliport, rigid and overlay pavement design, technical manual, change, 13662
- Helium:
compressibility data at 0°C and pressures to 800 atmospheres, 14551
minerals yearbook chapter, 14528
- Helme, William H., factorially derived information measures for differential prediction of officer performance, 13665
- Helmets, flight, noise attenuation provided, manikin measurements, 14503
- Helmiths, waterfowl (Anatidae), annotated bibliography, 14887
- Hemlock looper, *see* Looper.
- Hemolytic disease of fetus and newborn due to RH isoimmunization, 13777
- Herbert, Charles F., Alaska-Northwest Canada economic activities, summary comparison of mining laws and oil and gas laws practices with recommendations for policy, 14194
- Here's how, guide to tree planting in Southwest, 14291
- Heron, Gayle A., five species of deep-water cyclopoid copepods from plankton of Gulf of Alaska, 14860
- Hickey, John J., variations in low-water streambed elevations at selected gaging stations in northwestern California, 14373
- Hicks, Iris O., relief, 13898
- High, Richard W., some liquid oxygen/liquid hydrogen explosive effects in controlled failure-mode tests, 14629
- High schools, counselors manual, Armed services vocational aptitude battery, 14081
- High speed ground transportation, *see* Railroads.
- High Speed Ground Transportation Office, research reports, bibliography, 14223
- Higher education, *see* Colleges and universities.
- Highway engineers, Public Road Bureau, professional engineer opportunities, 14817
- Highway-railroad grade crossings, *see* Railroad crossings.
- Highway safety, *see* Safety of life.
- Highways, *see* Roads and highways.
- Hilary P. Jones (U.S.S.):
loan, extension, agreement with Republic of China, 14924
- Hill-Burton program, hospitals and related health facilities, representative construction costs, 14805
- Hiner, Richard L., slaughtering, cutting, and processing beef on farm, 13585
- Hinson, William F., aerodynamic characteristics in pitch of 1/7-scale model of two- and three-stage rockets configuration at Mach numbers of 0.4 to 4.63, 14626
- Hip Wu, *see* Wu Hip.
- Historians, examination announcement, amendment, 13786
- History, historical handbook series, 14708
see also Military history—*also* names of departments, etc.—*also* subjects.
- Hixson, D. H., graphical solutions of geologic problems, 14880
- Holanda, Raymond, evaluation of volumetric system for vacuum gage calibration from 10⁻⁴ to 10 torr, 14644
- Holcomb, Wade G., development of NMREL telemetry system, 2d report, 14513
- Holding companies, *see* Banks and banking.
- Hollander, Sidney, Jr., variety stores, 14856
- Holstein cattle, *see* Cattle.
- Holtz, Wesley G., soil as an engineering material, 14839
- Home canning of fruits and vegetables, 13588
- Home economics:
home and garden bulletins, 13587-590
research reports, 13591
- Homemaking, *see* Home economics.
- Homeowners, *see* Homes.
- Homes:
mortgage insurance, FHA system, general information, 14387
nation's program to help lower income families become homeowners (address), 14382
- Homestead, Fla., Canal 111, some hydrologic effects, 14358
- Hooks, light helicopter cargo hooks, bracket, description, 14259
- Hooper, Mary E., associate degrees and other formal awards below baccalaureate, 14129

INDEX

- Horn, Daniel, smoker's self-testing kit, 14907
Horn, Leon, thermal gradient effects on 13 flush mounted pressure transducers, 14674
Horses, reported arthropod-borne encephalitis, 13555
Horton, W. H.:
applicability of Southwell plot to interpretation of test data from instability studies of shell bodies, 13674
effect of test machine extensional rigidity on initial buckling load for unreinforced circular cylindrical shells in axial compression, 13670
thermal ram, new concept for load application, 13672
use of small and large displacement data from essentially elastic buckling tests on columns and plates as means of correlating theory and experiment, 13673
Hospitals:
emergency medical supplies, hospital reserve, disaster inventory, 14789
Hill-Burton hospitals and related health facilities, representative construction costs, 14505
hospital and medical facilities construction and modernization amendments of 1969, hearings, 14056
Indian Health Division, annual discharge, summary, 14787
Public Health Service Indian and Alaska native contract hospitals, field health, annual statistical review, 14780
Hours of labor:
hours of service act amendments of 1969, report, 13910
railroad employees, reduce 16-hour maximum limitation for certain employees, report, 13910
House documents, 13849-863
House of Representatives:
appropriations, 1970, legislative, hearings, 13917
witnesses, fees increased, report, 13908
House reports:
private bills, 13864-906
public bills, 13907-910
House Where Lincoln Died, general information, 14703
Households:
dietary levels, United States, 13592
food consumption survey, 1965-66, reports, 13592
Housekeeping, *see* Industrial housekeeping.
Houses, recent purchases of cars, houses, and other durables and expectations to buy, survey data, 13770
Housing:
and equipment for sheep, 13586
balanced programs for balanced budgets (address), 14385
census of 1970—
second count summary tapes, results, 13771
third count (block) summary tapes, results, 13772
housing and urban development legislation of 1969, hearings, 13922, 14017
legislation for 1969, proposals, hearings, 13922
lower income families, nonprofit sponsors, general information, 14389
manufactured, technically suitable for FHA mortgage insurance, 14205
minimum property standards, multifamily, 14206
New York City, cost and time associated with new multifamily housing construction, 14396
nonmetropolitan district planning assistance, 14390
racial discrimination in housing, progress toward solution of problem (address), 14384
Housing—Continued
role of public welfare, 14381
State Department living quarters allowances, 14480
vacancy and turnover data, comparison of 2 techniques for obtaining, 14393
see also Homes.
Housing and Urban Development Department:
balanced programs for balanced budgets (address), 14385
HUD handbooks, 14386
IP series, 14387-392
MP series, 14393-396
programs, 14393
State laws enacted in 1968 of interest to HUD, 14397
Hovering, VTOL hovering tasks, use of six-degrees-of-freedom motion simulator, 14830
Howenstein, E. Jay, rising construction costs and anti-inflation policies, report on Western Europe, 14464
Hubbell, J. H., photon cross sections, attenuation coefficients, and energy absorption coefficients, from 10 keV to 100 GeV, 14668
HUD, *see* Housing and Urban Development Department.
Hudson, C. Michael, effect of stress ratio on fatigue-crack growth in 7075-T6 and 2024-T3 aluminum-alloy specimens, 14635
Hudson Bay, quality of surface waters, 14376
Human Development Corporation, community action program, effectiveness and administration, GAO report, 14307
Human race, *see* Man.
Humanists, younger, fellowships and summer stipends, 14678
Humboldt County, Calif., Phillipsville and Garberville communities, South Fork Eel River floods, 14150
Humboldt National Forest, Wheeler Peak Scenic Area, general information, 14297
Humidity, hot humid environment, unacclimatized men wearing body armor, studies, 14512
Hungarians, in Rumania and Transylvania, bibliographical list, 13860
Hungary, mineral industry, mineral yearbook chapter, 14540
Hunger, human needs, national nutrition survey, hearings, 14058
Hungry Horse project, general information, 14834
Hunt, George P., union contract expirations in north central region, July 1969-70, 14465
Hunter, Yolanda F., relief, 13965
Hunting, migratory birds, 1969-70, Federal regulations governing, 14884
Hurricanes, Camille, food help, picture story, 14603
Hurst, Ned S., effect of selected soft drink mixes on germicidal properties of iodine tablets, 14510
Huss, Ralph E., despatches from U.S. consuls in Guaymas, Mexico, 1932-96, 14660
Huvos, Joseph B., mineral industry of Hungary, 14540
Hyde, Floyd H., address, Aug. 28, 1969, 14383
Hydraulic mine filling, chemical stabilization of uranium trailings at Tuba City, Ariz., 14552
Hydraulics:
fast response (150 to 200Hz) electrohydraulic servos performance limitations, analysis, 14633
hydraulic transportation of coarse solids, materials handling research, 14549
Hydrodynamics:
and water waves, introduction—
fundamentals, 14168
water wave theories, 14169

Hydrogen:

acoustic-mode instability in hydrogen-oxygen rocket, effect of injection element radial distribution and chamber geometry, 14623

effects on lactic acid production in rat liver slices, 13631

evolution during aqueous oxidation of mild steel, study, 14750

liquid, discharge, from 3.96 (13-ft.) diameter spherical tank, gaseous-hydrogen pressurant requirements, 14632

liquid oxygen/liquid hydrogen explosive effects in controlled failure mode tests, 14629

Hydrology:

contributions to hydrology of United States (series), 14373-374

hydrologic data, compilation—

Calaveras Creek, San Antonio River basin, Tex., 14335

Escondido Creek, San Antonio River basin, Tex., 14339

Little Elm Creek, Trinity River basin, Tex., 14340

hydrologic effects of Canal 111 near Homestead, Fla., 14358

Southern Utah and Goshen Valleys, Utah, selected hydrologic data, 14361

Hypertension, see Blood pressure.

I

IAEA, see International Atomic Energy Agency.

Ice:

icephobic surfaces, experiments, 13644

observations, oceanographic office observers manual, 14735

Ice Harbor Dam, fish passage report, 14148

Ike, Paul W., asbestos, 14521

Idaho:

Agricultural Stabilization and Conservation Service, annual activity summary—

1st Congressional District, 13562-563

2d Congressional District, 13564-565

electric rate book, 14217

northern, Albeni Falls Dam, Pend Oreille River, general information, 14147

soil survey, soils and people, what they can do for you, 14866

If you're not ready for another baby, 14121

Illinois:

census of business, 1967, retail trade, area statistics, 13736

climate, 14160

northern, occupational trends in sanitary services, warehouses, and stockrooms, 14466

pollution of Lake Michigan and its tributary basin, conference proceedings, 14241

uranium reconnaissance, preliminary, 13709

Illustrations, use of illustrations for paper money, postage and revenue stamps, and other obligations of United States and foreign countries, 14851

Immigration and emigration, laws, administrative decisions, index, 14398

Immunization, hemolytic disease of fetus and newborn due to RH isoimmunization, 13777

Implants, subdermally implanted devices, battery life and moisture penetration, 13633

Imports, see names or classes of articles imported.

Incentive awards, see Rewards (prizes, etc.).

Income:

Alaska, aggregate income model of semi-autonomous economy, 14193

average family income up 8 percent in 1968, 13769

consumer income, series, 13769

lower income families, nonprofit sponsors of housing general information, 14389

persons and families, Mar. 1969, selected characteristics, 13763

rural, and expenditure sample survey in Vietnam, initial report, 14425

tax returns statistics, business, 14416

Income tax:

delinquent taxes owed to States, authorize State actions in D.C. to recover on reciprocal basis, report, 14009

highlights of 1968 changes in tax law, 14411

income tax deduction for taxes, 14412

laws, reform—

revised summary list and brief description, 13946

statement of David M. Kennedy, Secretary of Treasury, 14029

testimony, 14030

testimony and additional statements, 14027-28

returns statistics, business, 14416

tax information on deduction for bad debts, 14417

tax reform subjects, press releases announcing tentative decisions, 13945

10 percent surcharge extension (remarks), 14951

Indecent publications, see Obscene matter.

Index digests:

index-digest supplement system, Internal revenue bulletin, cumulative, supplement, 14113-414

Wage Appeals Board, 1964-1968, decisions, 14882

Indexes:

Atomic Energy Commission news releases, 13684

Commerce Department publications, 1968 supplement, 13810

Defense Department, specifications and standards, 14096-97

fishery publication index, 13818

Immigration and Naturalization Service, administrative decisions, 14308

medical and veterinary zoology, 13543-544

passenger lists of vessels arriving at Boston, 1848-91, pamphlet to accompany microcopy, 14659

standard instrument approach procedures, 13640

India, annotated climatological bibliography, 13620

Indian Affairs Bureau:

adult vocational training, approved courses, 14399

Commissioner, nomination of Louis R. Bruce, hearing, 14043

Indian Health Division, annual discharge summary, 14787

Indian lands:

leases, longer term, for lands located outside Indian reservations in New Mexico, report, 14000

long term leasing act of 1955, amend, report, 14001

valuation, compensate Indians of California report, 14004

Indian Ocean, tide tables, 13799

Indian reservations, selected Indian reservation program, 14119

Indiana:

census of business, 1967 retail trade, area statistics, 13737

pollution of Lake Michigan and its tributary basin, conference proceedings, 14242

INDEX

Indians:
 California, land value, compensate, report, 14004
 Public Health Service Indian and Alaska native hospitals, contract hospitals, field health, annual statistical review, 14780
see also names of reservations or tribes.
 Indus Plains, west Pakistan, corrosion and encrustation mechanisms in tube wells, preliminary evaluation, 14343
 Industrial housekeeping, good housekeeping for successful safety program, 14446
 Industrial instruments, import trends, 1958-67, analysis, 13731
 Industrial materials, *see* Materials.
 Industrial plants, *see* Plants (Industrial).
 Industrial property, *see* Public property.
 Industrial relations:
 court decisions relating to national labor relations act, 14697
 employment of green card aliens during labor disputes, hearings, 13926
 national labor relations act, amend to make unfair labor practice to employ aliens dwelling in a foreign country during labor dispute, hearings, 13926
 Industrial safety, *see* Safety of life
 Industry:
 aircraft and missiles, 1957-68 R & D, 14716
 Alaskan industries, summary by standard industrial classification and corporate classification, 14200
 current industrial reports, 13761-762
 wage survey, iron and steel foundries, 14457
 Infants, hemolytic disease of fetus and newborn due to RH isommunization, 13777
 Inflation (finance):
 rising construction costs and anti-inflation policies, report on Western Europe, 14464
 Influenza, National Communicable Disease Center fact sheet, 14793
 Information centers, *see* Information services.
 Information services:
 educational information centers, directory, 14131
 State and territorial travel information offices, list, 14957
 Infrared rays, improvement of clear column radiance determination with supplementary 3.8u window channel, 14163
 Infrared spectrum, *see* Spectra.
 Inhalation, anesthetics, theories of mechanism of action, 13627
 Injectors, injection element radial distribution and chamber geometry, effect of on acoustic-mode instability in hydrogen-oxygen rocket, 14623
 Inorganic compounds, inorganic salts and compounds, analyzed reagent and reagent grade, 14105
 Insect pests, *see* Insects.
 Insecticides, act, administration deficiencies hearings, 13930
 Insects:
 cotton—
 insect parasites, rearing in laboratory, 13606
 rearing in laboratory, 13604
 environmental conditions relating to harmful insects in Mainland southeast Asia, 13657
 major pests in North Dakota shelterbelts, distribution and abundance by climate and host age, 14289
 saving forests and related wildlife resources from insects and diseases, 13599
 Inspection (industrial), *see* names of articles, etc., inspected.

Installment credit:
 consumer credit regulations—
 amendment to Federal Reserve regulation Z, 14233
 interpretations, errata, 14228
 Institute for Telecommunication Sciences, ESSA technical report ERL-ITS series, 14165-167
 Institute of History of Natural Science and Technology 10th scientific conference, transactions, 14651
 Institutes for Environmental Research, scientific and technical publications, list, 14173
 Instruction, *see* Education.
 Instrument landings, *see* Landings (aircraft).
 Instruments, aircraft instrument repair facilities, evaluation of radium contamination, 14790
 Insurance, *see* types of insurance.
 Integrators, use of LIF detectors in neutron flux integrator, feasibility study, 13693
 Intellect, speech intelligibility, effects of spectrum sampling on, 13667
 Intelligence, *see* Intellect.
 Intensive culture of Douglas fir, 14267
 Interest equalization tax act:
 extend—
 hearing, 14025
 statement, 14952
 Interfaces, liquid/solid interface, density gradients near, 14742
 Interference drag, *see* Drag aerodynamics.
 Intergovernmental relations, toward a new fiscal federalism (remarks), 14953
 Interior and Insular Affairs Committee, Senate:
 committee print, 14040
 hearings, 14039, 14041-46
 reports, 13990-992, 13995-996, 13998, 14000-8
 Interior Department:
 appropriations, 1970 hearings, 14015
 decisions, bound volume, 14400
 manpower, funding requirements and capability to oversee oil resource development activities on public lands in Alaska, hearing, 14046
 research and development contracts and grants, guide, 14401
 saline water research and development progress reports, 14403-407
 Steering Committee report, transmission study 190, 14409
 Intermountain region, Forest Service, year-book, national forests in profile, 14273
 Internal revenue, internal revenue bulletin, cumulative, index-digest supplement system, supplements, 14413-414
 see also Taxation—also names of certain taxes, e.g. Income tax.
 Internal security, *see* National security.
 Internal Security Committee, House, hearings, 13933
 International Atomic Energy Agency:
 application of safeguards to cooperation, agreement with—
 Argentina, 14923
 Portugal, 14919
 International Convention on Load Lines, load lines, process-verbal of rectification in convention of Apr. 5, 1966, 14921
 International Development Agency, loan program financial activities, status June 30, 1968, GAO review, 14305
 International exchanges, foreign studies extension program research and training opportunities abroad, 14142
 International finance, recent international financial and monetary developments, hearing, 13923
 International load lines, *see* International Convention on Load Lines.

- International organizations:
 international organizations series, 14905
 United States foreign credits, 14949
 International postal service, directory of
 international mail, 14770
 International relations:
 strategic and foreign policy implications
 of ABM systems, antisubmarine war-
 fare and multiple independently tar-
 geted reentry vehicles (MIRV), hear-
 ings, 14031
 United States policy in Near East crisis,
 14906
 Interstate Airmotive, Inc., aircraft accident,
 14717
 Interstate and Foreign Commerce Committee,
 House, report, 13910
 Interstate Commerce Commission, decisions
 (bound report), 14430
 Inventories, hospital reserve disaster inven-
 tory, emergency medical supplies, 14789
 Investment companies:
 small business capital bank, establish,
 hearings, 14019
 small business investment act, amend,
 reports, 13993-994
 Investments:
 small business investment act, amend,
 hearings, 14019
 District of Columbia, legal investments for
 trust funds, list, 14116
 Investors, restrict transfers to foreign coun-
 tries by substantial investors in U.S. etc.,
 14432
 Inyo National Forest, guide to forest of an-
 cient bristlecone pines, 14265
 Iodine, tablets, soft drink mixes, effect on
 germicidal properties of, 14510
 Ion exchange, counter-current continuous,
 removal of calcium from sea water to pre-
 vent scaling of distillation errata, 14403
 Ionosphere, fBEs for solar cycle minimum,
 numerical maps, 14167
 Ions:
 molecular collisions with long-lived capture
 complexes, computer plotting descrip-
 tion, 14645
 nitrate ion, dilute solution reactions, as
 applied to water reclamation, 14245
 Iowa:
 Agricultural Stabilization and Conserva-
 tion Service, program summary, 13559
 census of business, 1967, retail statistics,
 13738
 National Park Service, Iowa Governor's
 book, 14705
 IP series, 14387-392
 Iran:
 atomic energy cooperation for civil uses,
 agreement, 14927
 plant quarantine import requirements,
 13559
 Iraq, background notes, 14899
 Iron:
 foundries, industry wage survey, 14457
 ores, metallization, with solid reductants,
 14554
 resources in Irving Formation, 14329
 slag-iron and steel, minerals yearbook
 chapter, 14561
 Iron isotopes, modified ^{56}Fe ferroknetic pro-
 cedure, 13632
 Iron ores, *see* Iron.
 Irradiation, *see* Radiation.
 Irradiators:
 portable cesium irradiator—
 operational reports, 13701
 visit to Washington State, 13702
 Irrigation:
 desalted water for irrigation, value, study,
 14843
 sprinkler irrigation, soils, climate, and land
 classification, 14841
see also Canals.
 Irrigation projects, *see* names of projects.
 Isoimmunization, *see* Immunization.
 Isothermal flow, *see* Flow.
 Isotopes, *see* names of isotopes, e.g., Iron
 isotopes—Lead isotopes.
 Israel:
 desalting plant, large prototype, U.S. par-
 ticipation in development, hearings,
 13928
 United States policy in Near East crisis,
 14906
 Isthmian Canal, *see* Panama Canal.
 Istlie, suspension of duty, continue, report,
 13997
 It's Y.O.U., 14136
 ITV (instructional television), *see* Television.
- J
- Jacinto Antonio, Franklin, relief, 13961
 Jacksonville, Fla., port, 14152
 Janz, G. J.:
 electrochemistry of molten salts, Gibbs free
 energies and excess free energies from
 equilibrium-type cells, 14666
 surface tension data, 14666
 Japan:
 claims of Trust Territory of Pacific Islands
 against Japan, agreement, 14925
 loan of vessels U.S.S. Edwards and U.S.S.
 Leary, extension, agreement, 14913
 Mutual Defense Assistance Office, agree-
 ment, 14917
 Jenkins, I. C., paper, Mar. 28, 1969, 14813
 Jersey cattle, *see* Cattle.
 Jet aircraft, *see* Aircraft.
 Jet plumes, propulsion motor plume, esti-
 mating diameter of plasma, 14746
 Jets, external-flow jet-augmented flaps on jet
 transport model, static and dynamic
 stability derivatives, 14646
 Jewett, Ann, physical fitness test standards
 for women marines, 14505
 Jewish Historical Society of Greater Wash-
 ington, lease of District property to, 13865,
 13989
 Job development for hard-to-employ, 14441
 Job satisfaction, aircrew trends, 2-year study,
 13630
 Jobs, *see* Employment—Occupations.
 Jöhler, J. Ralph, ground wave propagation
 in normal and ionized atmosphere, 14166
 John Day Dam, fish passage report, 14148
 Johnson, Alice M., smallfly smiles, guide for
 teaching dental health in community care
 programs, 14696
 Johnson, Jimmie H., Step test of motivation
 to excel, 14518
 Johnson, P. E., evaluation of improved fire
 resistant glove materials for gloveboxes,
 13720
 Johnston, Edward E., nomination, hearing,
 14042
 Johnston, James R., oxidation and thermal
 fatigue cracking of nickel- and cobalt-base
 alloys in high velocity gas stream, 14624
 Johnston, Richard H., U.S. Geological Survey
 tracer study Amargosa Desert, Nye County,
 Nev., exploratory drilling, tracer well con-
 struction and testing, and preliminary find-
 ings, 14360
 Jones, Dorothy M., career development,
 selected references, 14379
 Jones, Douglas N., subregional economic
 analysis of Alaska, 14199
 Jones, Edith A., dietetic manual for metabolic
 kitchen units, 14686
 Jones, James H., processing of digital data
 logger STD tapes at Scripps Institution of
 Oceanography and Bureau of Commercial
 Fisheries, La Jolla, Calif., 13823
 Judges, District of Columbia, retirement act
 of 1964, amend survivor annuity provi-
 sions, report, 14010
 Judiciary Committee, House, reports, 13866-
 906
 Judiciary Committee, Senate:
 hearings, 14047-51
 reports, 13950-971, 13976-13988

INDEX

Junction boxes, Federal item identification guide, change, 14086

Justice Department:

Attorney General, foreign agents registration act, administration report, 14434
opinions of Attorney General, 14432

K

Kaczmariski, Adela, relief, 13837

Kall, L. T.:

requirements study for biotechnology laboratory for manned earth orbiting missions, results, recommendations, and requirements, 14581
summary of individual experiments requirements, 14581

Kaiser, Robert, study of ferromagnetic liquid, 14579

Kanikou National Forest, Priest Lake, recreation area, 14268

Kansas:

Agricultural Stabilization and Conservation Service, congressional district summary, 13566
basins projects, interim report, 14844
census of business, 1967 retail trade, area statistics, 13739
uranium reconnaissance, preliminary, 13710

Kansas City, Mo., Neighborhood Youth Corps program, effectiveness and administrative efficiency, GAO report, 14312

Katz, Jacob E., address, May 13, 1969, 13728

Kay, Evelyn N., summaries of manpower surveys and reports for developing countries, 1958-68, 14459

Keller, George V., electrical resistivity measurements, Midway and Kure Atolls, 14353

Keller, Rudolf, properties of nonaqueous electrolytes, 14590

Kelly, Paul A., relief, 13881

Kennedy, David M.:

remarks,
Aug. 14, 1969, 14951
Sept. 4, 1969, 14029

Kennedy, Patrick C., major insect pests in North Dakota shelterbelts, abundance and distribution by climate and host age, 14289

Kennedy, Robert S., sixty-minute vigilance task with 100 scorable responses, 14501

Kent, T.S., TRIC Agent urethritis, report of serological fluorescent antibody and associated findings, 14517

Kent State University, Students for a Democratic Society, activities investigation, hearings, 13933

Kentucky:
census of business, 1967, retail trade, area statistics, 13740
potential development of central Appalachia, preliminary analysis, 13650
uranium reconnaissance, preliminary, 13709

Kerosene stoves, *see* Stoves.

Keulegan, G. H., theories in design of proposed Crescent City Harbor tsunami model, 14155

Keup, Lowell E., role of bottom-dwelling macrofauna in water pollution investigations, 14791

Keys, *see* Locks and keys.

Khalil, Hassan H.:

- repeated or continual measurements of cardiac output in squirrel monkey (*Saimiri sciureus*) by thermodilution, 14496
- simple method for percutaneous introduction of cardiac catheters, 14497

Kidneys:

disease prevention and control, guidelines for community programs of chronic disease control, 14794
kidney disease services, facilities and programs in U.S., 14795

Kidneys—Continued

renal diseases and hypertension, Public Health service cooperative studies, conferences, proceedings, 14800

Kimball, Charles L., mineral industry of Pakistan, 14541

Kinetics, vaporization and decomposition, of candidate re-entry blackout suppressants in low-pressure flames, 14567

Kitchens, Clinical Center dietetic manual for metabolic units, 14686

Kites, moored, Federal aviation regulations, 14186

Klingberg, C. L., effect of disparity in photo scale and orientation on change detection, 13666

Kocher, Wallace, survey of current debugging concepts, 14376

Koelling, Gordon W., mineral industry of Colombia, 14539

Komar, Charles A., laboratory oil-recovery tests with ultrasonically formed emulsions, 14559

Kootenai Indians, judgment funds, disposition, report, 14003

Korea, Air Force build-up, 5th Air Force report, 13619

Kortes unit, *see* Missouri River Basin project.

Kovacina, T. A., solubility of nickel in liquid sodium of high oxide content, 14751

Kraft, Ivor, prelude to school, evaluation of inner-city preschool program, 13778

Kramer, Morton, patients in State and county mental hospitals, 14796

Krane, S., experimental investigation of magnetoaerodynamic flow around blunt bodies, 14574

Kure Atoll, electrical resistivity measurements, 14353

Kurzban, Shelby C., vaporization and decomposition kinetics of candidate re-entry blackout suppressants in low-pressure flames, 14567

Kyanite, and related minerals, mineral yearbook chapter, 14532

L

L series, 13781-782

Labor:

conditions and organizations in Turkey, 14463

labor statistics 1969, handbook, 14460

market and the Puerto Rican, facts, 14479

monthly labor review, reprint, 14464

statistics for national decision making (address), 14438

work and workers, some aspects of changing patterns in urban environment, 14470

see also headings beginning Labor.

Labor and Public Welfare Committee, Senate:

committee print, 14052

hearings, 14055-57

Labor Day, how it came about, what it means, 14437

Labor Department:

Neighborhood Youth Corps programs, effectiveness and administrative efficiency, GAO report—

Gary, Ind., 14310
Gila River Indian Reservation and Pinal County, Ariz., 14311
Kansas City, Mo., 14312
Maricopa County, with emphasis on Phoenix, Ariz., 14313

safety training programs, occupational safety aid, OSA LS series, 14446-450

Labor disputes, *see* Industrial relations.

Labor-management relations act, *see* Industrial relations.

Labor relations, *see* Industrial relations.

- Labor Statistics Bureau:
bulletins, 14451-461
north central regional reports, 14465-466
regional reports, Middle Atlantic region, 14468
- Labor unions, union contract expirations 1969-70, in north central region, 14465
- Laboratories:
biotechnology, for manned earth orbiting missions, study—
results, recommendations, and requirements, 14580
summary of individual experiments, requirements, 14581
gravity measurements and standards laboratory, 14675
laboratory oil-recovery tests with ultrasonically formed emulsions, 14559
rearing cotton insect parasites in laboratory, 13605
rearing of cotton insects in laboratory, 13604
see also names of laboratories or places where located.
- Labus, Thomas L., natural frequency of liquids in annular cylinders under low gravitational conditions, 14648
- LACBWR, *see* Reactors (atomic).
- La Crosse boiling water reactor, *see* Reactors (atomic).
- Lactic acid, production in rat liver slices, effects of pH, CO₂, and buffering systems, 13631
- Ladders, *see* Stepladders.
- Laguna Pueblo, lands, hold in trust, report, 14002
- Lake Chelan National Recreation Area, general information, 14712
- Lake County, Ind., community action program effectiveness and administration, GAO report, 14508
- Lake County, Tenn., soil survey report, 14875
- Lakes, reclamation, recreational facilities, region 2, 14838
- Laminated materials, capacitive measurement system for nondestructive testing of fiber glass reinforced plastic laminates, 13671
- Lampkin, Emmett C., effects of differing amounts of training and of monochromatic targets on sextant sighting performance, 14605
- Land:
ground motion and containment, analysis of data, Project Handcar, 13706
Pacific Southwest land and water resources, comprehensive framework study program, 14764
private and public ownership, differentiation, Federal reclamation laws, acreage limitation, amendments, hearing, 14039
sprinkler irrigation, soils, climate, and land classification, 14341
studies of land subsidence (series), 14345
subsidence due to ground-water withdrawal, Tulare-Wasco area, Calif., 14345
- Landings (aircraft):
standard instrument approach procedures, index, 13640
- Landmarks in science, 14520
- Landslides, Alaska earthquake of Mar. 27, 1964, effects on various communities, 14346
- Language and languages, higher education programs in foreign language and area studies, research and training opportunities abroad, 14142
- Lansche, Arnold M., mineral industry of Burma, 14538
- Lanthanum, lanthanum fluoride electrode, measurement of fluoride activity and concentration in seawater, 14753
- Lara, Joe M., gamma probe calibration tests, 14833
- Laramie Petroleum Research Center, general information, 14533
- Latin America:
alliance for progress, U.S. foreign aid, 1970 proposed program, 14426
containerization and documentation in inter-American trade (remarks), 14209
inter-American transportation, affected by regulatory problems (remarks), 14211
Latin America and Caribbean, analytical survey of literature, 13660
Launch vehicles, *see* Spacecraft.
- Laundry and laundries, field laundry operations, Army technical manual, change, 13663
- Lautzenheiser, Robert E., climates of States, Massachusetts, 14161
- Law:
current legal literature, list, 14181
equal employment opportunity under Federal law, 13785
law of United States, classification, Library of Congress, 14482
slip laws (private) 91st Congress, 13834-845
slip laws (public) 91st Congress, 13846
State laws enacted in 1968 of interest to Housing and Urban Development Department, 14397
- Law enforcement, and traffic regulation on national forest development road system, 13602
- Law Enforcement Assistance Administration, annual report, 14431
- Lawlor, John T., relief, 13880
- Laws, *see* Law—also subjects.
- Lazano, Arthur S., feasibility study of using LIF detectors in neutron flux integrator, 13693
- LEAA, *see* Law Enforcement Assistance Administration.
- Lead:
lead-zinc exploration, Mississippi Valley, lead isotope guides, 14335
rolled Pb-Cd-Sb alloys, tensile and stress-rupture properties, 14550
- Lead isotopes, guides for Mississippi Valley lead-zinc exploration, 14335
- Leadership:
officers' call, the challenge of leadership, Army pamphlet, 13659
recreation program, suggested 2-year post high school curriculum, 14141
ROTC program, where the leaders are, 13682
serum uric acid levels and leadership in Marine Corps, 14508
- Leaf cast, brown-spot needle blight of long-leaf pine, 14263
- Leaks:
fuel-elements fission product leakage at NASA Plum Brook Reactor, causes, measurement, and elimination, 14622
leakage rates and torque of various lubricated lip seal designs at peripheral velocity of 120 feet per second, 14647
- Learning, children with learning disabilities, act of 1968, hearings, 13924
- Leary (U.S.S.):
loan, extension, agreement with Japan, 14913
- Leases:
Indian lands—
located outside Indian reservations in New Mexico, longer term, report 14000
long term leasing, amend act, report, 14001
- Leave of absence:
court leave for employees of United States and District of Columbia, correct inequities, report, 13907
Federal agencies, principles and procedures, GAO guidance manual, 14302
- Lee, Ronald F., public use of National Park System, 14714
- Leftin, M., numerical maps for fBEs solar cycle minimum, 14167

INDEX

- Legal literature, *see* Law.
 Legislation, housing and urban development, hearings, 14017
see also Law—*also* subjects.
 Legislative appropriations, *see* Appropriations.
 Lehigh River and Valley, water quality and discharge of streams, 14374
 Leitz, F. B., research on piezodialysis, 14405
 LeMéhauté, Bernard, introduction to hydrodynamics and water waves, 14168-169
 Lenses, lighting, Federal item identification guide, change, 14088
 Letters:
 microcopy, pamphlet to accompany—
 Mint Bureau Director, 1795-1817, letters sent, 14656
 Revenue Commissioner, 1794-96, Tench Cox, on procurement of military, naval and Indian supplies, 14657
 Levadi, Solomon S., relief, 13986
 Lewis, John R., nitrogen, 14546
 Lewis, William, simplified analytical model for use in design of pump-inlet accumulators for prevention of liquid-rocket longitudinal oscillation (pogo), 14638
 Lewis and Clark Trail Highway, interstate planning and coordination, expedite, hearings, 13939
 Li, Cheng-Hual, relief, 13867
 Libraries:
 colleges and universities, data for individual institutions, fall 1967, statistics, 14138
 discover and use your public library, 14855
 medical library amendments of 1969, hearing, 14067
 medical library assistance act of 1965, extend, hearing, 14057
 Library of Congress:
 appropriations, 1970, legislative, hearings, 13917
 classification, class K, subclass KF, law of United States, 14482
 License plates, *see* Automobile license plates.
 Licenses, *see* classes of persons to whom, or subjects for which, licenses are issued.
 Life insurance, veterans and servicemen, Government programs, annual report, 14960
 Lift (aircraft):
 lifting horizontal-axis rotating-wing aeronautical systems (HARWAS), review and evaluation, 13677
 Lifting, safe lifting, proper way to lift, 14447
 Lightie, Paul C., brown-spot needle blight of longleaf pine, 14263
 Lights and lighting, Naval Oceanographic Office, list, British Isles, English Channel and North Sea, 14729
 Limitations (law):
 private and public ownership of lands, differentiation, Federal reclamation laws, acreage limitation, amendments, hearing, 14039
 Lin-Fu, Jane S., hemolytic disease of fetus and newborn due to RH isommunization, 13777
 Lincoln, Abraham, Ford's Theatre and House Where Lincoln Died, general information, 14703
 Liquid hydrogen, *see* Hydrogen.
 Liquid oxygen, *see* Oxygen.
 Liquids:
 ferromagnetic, study, 14579
 natural frequency in annular cylinders under low gravitational conditions, 14648
 Lishka, R. J., water metals, 14779
 Lists, *see* subjects of lists.
 Lithographs, Air Force lithograph series, 13621-624
 Lithosphere, injection of gas into lithosphere at National Reactor Testing Station, Idaho Falls, Idaho, 13896
 Litsas, John, employee compensation, 1966, in private nonfarm economy, 14458
 Little Elm Creek, Trinity River basin, Tex., compilation of hydrologic data, 14340
 Liver flukes, sheep, general information, 13593
 Livestock:
 claims, packers and stockyards act can help you recover losses, 13598
 statistics, 1968, supplement, 13607
 Living conditions, *see* Cost and standard of living.
 LMFBR (liquid metal fast breeder reactor), *see* Reactors (atomic).
 Load (mechanics):
 effect of test machine extensional rigidity on initial buckling load for unreinforced circular cylindrical shells in axial compression, 13670
 thermal ram, new concept for load application, 13672
 Load Lines, International Convention on, *see* International Convention on Load Lines.
 Loans:
 Farmers Home Administration—
 to associations for water and waste disposal, provide flexible interest rates, hearing, 13911
 dealer and contractor guide, property improvement loans, 14388
 economic opportunity loan program for low-income rural families, administration and effectiveness, GAO report, 14304
 insured operating loans to low-income farmers and ranchers, authorization, hearing, 14014
 national defense student loan program, 1969-70 allocations of Federal funds, 14052
 Small Business Administration guarantee, clarify authorization, report, 13993
 Local government, *see* Government.
 Local transit, directory of urban transportation research and planning projects, 14594
 Locks and keys, keys, Federal item identification guide, change, 14057
 Lodgepole pine, *see* Pine.
 Lofgren, B. E., land subsidence due to ground-water withdrawal, Tulare-Wasco area, Calif., 14345
 Logsdon, Donald F., modified 59 Fe ferrokinetic procedure, 13632
 Long leaf pine, *see* Pine.
 Longitudinal stability, *see* Stability of aircraft.
 Loomis, William R., lubricants for inerted lubrication systems in engines for advanced aircraft, 14649
 Loopers, 1968 hemlock looper project, Mount Baker National Forest, 14266
 Loran:
 A table—
 Gulf of Mexico, rate 3H1, 14731
 south Pacific, rate 2L2, 14732
 C table—
 east coast U.S., pair SS7-X, 14733
 northwest Pacific, pair SS3-Z, 14734
 Loux, P. C., seismic interference and reciprocity for HE row charge, 13705
 Lowder, Enoch A., sand and gravel conveyance, 13973
 Lubricants, for inerted lubrication systems in engines for advanced aircraft, 14649
 Lubrication, lubricants for inerted lubrication systems in engines for advanced aircraft, 14649
 Ludwig, Lawrence P., torque and leakage rates of various lubricated lip seal designs at peripheral velocity of 120 feet per second, 14647
 Lunar landings:
 Apollo—First manned lunar landing, color prints, 14593

Lunar landings—Continued

- Apollo—Man on the moon, color print, 14594
 Lutton, R. J., Buggy, preshot geologic and engineering properties investigations, 13704
 Luxembourg, Grand Duchy, background notes, 14891

M

- MA SP series, 14487-488
 McCall, Thomas D., transistor series amplifier, 14762
 McCann, Howard, evaluation of bias in license plate traffic survey response, 14814
 McCarrren, Edward T., water quality and discharge of streams in Lehigh River basin, Pa., 14374
 McDonald, Malcolm E., annotated bibliography of helminths of waterfowl (Anatidae), 14887
 McGuinness, C. L., ground-water levels in U.S., 1962-66, North Central States, 14377
 McGuire, Marie C., address, June 2, 1969, 14385
 McGuire, R. C., paper, June 17, 1969, 13647
 McKendry, James M., implications of BESRL research for displays in tactical information processing, 13668
 McKnight, M. E., estimating defoliation of Douglas-fir and white fir by western budworm, 14287
 McNary Dam, fish passage report, 14148
 McNeil, William J., transplanting adult pink salmon to Sashin Creek, Baranof Island, Alaska, and survival of their progeny, 13822
 MacPherson, Alan C., microwave photodiodes, sensitivity as function of geometry and bias, 14754
 McPherson County, Nebr., soil survey report, 14876
 McQuigg, J. D., climates of States, Missouri, 14162
 Macrofauna, *see* Fauna.
 Magee, William P., relief, 13873
 Magma, late Cenozoic, intrusion and eruption as source of batholiths and volcanoes in Glacier Peak area, North Cascades, Wash., 14347
 Magnesite, *see* Magnesium oxide.
 Magnesium:
 compounds, minerals yearbook chapter, 14535
 minerals yearbook chapter, 14534
 Magnesium oxide, hafnia stabilized with, effects of cyclic heating and thermal shock, 14607
 Magnetic materials, transportation of magnetized materials, Federal aviation regulations, 14186
 Magnetic separators, magnetic separation of minerals of low susceptibility and small particle size, 14555
 Magnetic tape:
 processing of digital data logger STD tapes at Scripps Institution of Oceanography and Bureau of Commercial Fisheries, La Jolla, Calif., 13823
 summary tapes—
 second count from 1970 censuses of population and housing, 13771
 third count (block) from 1970 census of population and housing, 13772
 Magnetism:
 ferromagnetic liquid, study, 14579
 magnetoaerodynamic flow around blunt bodies, experimental investigation, 14574
 Magnetosphere, magnetospheric duct propagation research using Alouette-2 topside-sounder observations, 14612
 Mail matter:
 mail fraud laws protecting consumers, investors, businessmen, medical patients, students, 14771

Mail matter—Continued

- military assistance program address directory, MILSTRIP, 14113-114
 obscene material sold or offered for sale to minors, exclude from U.S. mails as nonmailable, hearings, 13936
 Mails, *see* International postal service.
 Maine:
 Agricultural Stabilization and Conservation Service—
 1967 program year report, 13567
 1968 program year report, 13568
 landings, fish and shellfish, annual summary, 13814
 Making it, 14773
 Malefic, John T., sprinkler irrigation, soils, climate, and land classification, 14841
 Malheur National Forest:
 Douglas-fir tussock moth control, 1965 surveillance, Burns project, 14295
 thinning program, 14296
 Mall, economic trends and their implications for United States, 14418
 Mallory, E. C., Jr., water load of uranium, radium, and gross beta activity at selected gaging stations, 14371
 Mammals, of public health significance, pictorial keys, 14799
 Man, perspectives on human deprivation, biological, psychological, and sociological influences, 14693
 Man-in-space, *see* Outer space.
 Management, *see* Administrative management—Forest management—Planning.
 Manasquan, N. J. to Cape Hatteras, coastal warning facilities chart, 14966
 Manikin measurements of noise attenuation provided by flight helmets, 14503
 Manipulation errors in finite element analysis of structures, 14573
 Manpower:
 development and training act, guidelines for submission of applications for manpower research institutional grants, 14436
 manpower research institutional grant program, first three years, 14439
 manpower technical exchange (periodical), 14440
 MDTA experimental and demonstration findings, 14441
 programs, effective management information system, development, ESARS handbook, 14435
 surveys and reports for developing countries, 1958-68, summaries, 14459
 training, message from the President, 13862
 utilization, affirmative program, equal opportunity in Reclamation Bureau, 14832
 Manpower analysts, examination announcement, amendment, 13786
 Manuals, *see* names of departments, etc., issuing manuals—*also* subjects.
 Manufactures and manufacturers:
 census, 1967, EC series, 13754-755
 small manufacturers, management aids, 14855
 see also names of manufactured articles.
 MAP (military assistance program), *see* Military aid.
 Mapping, *see* Maps and charts.
 Maps and charts:
 aeromagnetic interpretation, Blue Range primitive area, 14328
 bathymetric atlas of northwestern Pacific Ocean, 14736
 catalog of copyright entries, 14067
 computer mapping, 13759
 Geological Survey, increase revenues through changes in map-pricing practices, 14322
 see also names of localities—*also* subjects.
 Mardessich, Branka, relief, 13859

INDEX

- Maricopa County, Ariz., Neighborhood Youth Corps program, effectiveness and administrative efficiency, GAO report, 14313
- Marine accidents, radar-equipped merchant ships, study of collisions, and preventive recommendations, 14720
- Marine Corps:
- Fleet Marine Force manual FMFM series, 14484
 - infantry battalion, Fleet Marine Force manual, 14484
 - leadership and serum uric acid levels, 14508
 - Officer Candidate School, Quantico, Va., physical training platoon, evaluation, 14506
 - women marines, physical fitness test standards, 14505
- Marine services, chart, Alaskan waters, 14968
- Maritime Administration, SP series, 14487-488
- Maritime industry, *see* Merchant marine.
- Maritime safety data for shipyards, 14443-445
- Maritime traffic, *see* Ships.
- Markers, self luminous, aircraft exit, spring pin mounted, military standard, 14112
- Marketing, *see* Markets and marketing.
- Markets and marketing:
- acreage marketing guides, 14063
 - marketing research, major government sources and statistics (address), 13728
 - marketing research reports, 13594
 - see also* names or classes of commodities, etc., marketed.
- Marratto, Patrick, relief, 13835, 13970
- Mars (planet):
- entry capsule, evaluation of configuration changes on optimum structural designs, 14585
- Martinique, plant quarantine import requirements, 13551
- Maryland, uranium reconnaissance, preliminary, 13711
- Mass (physics):
- longitudinal mass-spring modeling of launch vehicles, 14620
- Mass spectrometry, *see* Spectrometry.
- Massachusetts:
- Agricultural Stabilization and Conservation Service, annual report and statistical summary, 13558
 - climate, 14161
- Mast, P. W., optimum packing of hollow spheres in buoyancy materials, 14752
- Materials:
- national policy goals and programs, review, 14061
 - symbols for packages and containers for hazardous industrial chemicals and materials, military standard, 14108
 - see also* names of materials.
- Materials handling, research, hydraulic transportation of coarse solids, 14549
- Mathematics, FORTRAN program for machine computation of group tables of finite groups, 14641
- Mattresses, current industrial reports, 13761
- Mazure, James E., remarks, Sept. 4, 1969, 14211
- MDTA (manpower development and training act), *see* Manpower.
- Me, 14120
- Meanley, Brooke, natural history of king rail, 14883
- Measurements:
- English and metric systems of measurement, brief history and use, 14671
 - experimental, of expanding storable propellant products simulated by combustion of gaseous reactants, 14642
 - geomagnetic field variation measurements, induction loop antennas for, 14164
 - outdoor, of photosynthesis of tree seedlings, use of assimilation chamber, 14285
- Measurements—Continued
- repeated or continual, of cardiac output in squirrel monkey (*Saimiri sciureus*) by thermodilution, 14496
 - users bulletin, 14664
 - see also* subject of measurement.
- Measures, *see* Metric system.
- Measuring instruments, weighing and measuring devices, specifications, etc., replacement pages, 14663
- Meat, statistics, 1968, supplement, 13607
- Mechanics (persons):
- aviation structural mechanic, S 3 & 2, 14738
 - electrical appliance serviceman, suggested guide for training course, 14133
- Mechanics (science):
- coupled acousto-mechanical systems, transient response, 14588
- Mechanisms with elastic couplings, dynamics and stability, 14650
- Medicaid, *see* Medical assistance.
- Medical assistance, medicad-medicare study, staff data, 14026
- Medical care:
- hospital and medical facilities construction and modernization amendments of 1969, hearings, 14056
 - human needs, provide for poor, national nutrition survey, hearings, 14058
 - improvements made in cost accounting system, Veterans Administration, GAO report, 14319
 - medicad-medicare study, staff data, 14026
 - medicare, personnel qualifications, 14380
 - uniformed services health benefits program, 13651
 - Medical facilities, *see* Hospitals.
- Medical libraries, *see* Libraries.
- Medical records, ambulatory service data system, 14778
- Medical research, *see* Medicine.
- Medical supplies, emergency, hospital reserve disaster inventory, 14789
- Medical zoology, *see* Zoology.
- Medicare, *see* Medical care.
- Medicine:
- aeromedical reviews, 13627
 - medical research and education, 1966, 1969, support of foundations and non-profit research institutes, resources analysis memo, 14695
 - medicaments, Federal item identification guide, 14090
 - School of Aerospace Medicine, technical reports, 13628-633
- Meeves, Henry C., beryllium, 14523
- Meier, Robert W., address, Apr. 23-25, 1969, 14937
- Mello, James F., foraminifera and stratigraphy of upper part of Pierre shale and lower part of Fox Hills sandstone (Cretaceous), north-central South Dakota, 14348
- Melosh, R. J., manipulation errors in finite element analysis of structures, 14573
- Melting, vacuum melting, residual gas analysis, mass spectrometry, 14556
- Melvin, Raymond C., relief, 13887
- Membranes, asphaltic, for water seepage control, 14826
- Mendocino National Forest, 1968 report, 14300
- Mental health:
- considerations in public health, guide for training and practice, 14690
 - definition and measurement, 14786
 - statistics, mental health facilities reports, 14796
- Mental hospitals, *see* Mental institutions.
- Mental institutions, patients in State and county mental hospitals, 1967, list, 14796
- Mentally retarded, opportunity, help for the mentally retarded, 14848
- Mercer, John C., expansion of automation in terminal ATC facilities, 14936

Merchandise, *see* Commercial products.

Merchant marine:

act of 1936, amend, hearing, 13934

Navy League support (remarks), 14208

radar-equipped merchant ships, collisions, study, and preventive recommendations, 14720

research and development (remarks), 14487

technological advancement (remarks), 13808

Merchant Marine and Fisheries Committee, House, hearings, 13934

Merchant ships, *see* Ships.

Mercury, minerals yearbook chapter, 14536

Mergers, *see* Business consolidations.

Mesilla, N. Mex., ground water in Mesilla Valley shallow, quality, 14354

Metabolism, dietetic manual for metabolic kitchen units, 14686

Metallization of iron ores with solid reductants, 14554

Metals:

base metal properties, flame straightening and its effect, 14854

corrosion in tropical environments, 14744

Cripple Creek district, Colo., distribution, 14350

metal components for long-term development of Egypt's corrosive ground waters, selection, 14357

structural ferrous, 16 years' exposure to sea and fresh water, 14744

water metals, report of study, 14779

Meteorological Center, National, *see* National Meteorological Center.

Meteorology:

improvement of clear column radiance determination with supplementary 3.8u window channel, 14163

processing and display experiments using digitized ATS-1 spin scan camera data, 14171

Metric system, English and metric systems of measurement, brief history and use, with chart of modernized metric system, 14671

Metropolitan areas, *see* Cities and towns.

Mexico, Gulf of, Loran-A table, rate 3H1, 14731

Mexican-Americans, culture, heritage, etc., handbook for educators, 14139

Mice, domestic, control, training guide, 14784

Michigan:

census of business, 1967, retail trade, area statistics, 13741

pollution of Lake Michigan and its tributary basin, conference proceedings, 14241

uranium reconnaissance, preliminary, 13709

Michigan, Lake, pollution, Lake Michigan and its tributary basin, Illinois, Indiana, Michigan, and Wisconsin, conference proceedings, 14241

Microelectronic circuits, *see* Circuits.

Microfilm, National Archives publications, pamphlet accompanying, 14655-661

Microwaves, microwave photodiodes, sensitivity as function of bias and geometry, 14754

Midway Atoll, electrical resistivity measurements, 14353

Midway Islands, geology of area, Hawaiian Islands (series),

Migrant labor, migrant and seasonal farmworkers program in Phoenix, Ariz., effectiveness and administration, GAO report, 14309

Mild steel, *see* Steel.

Militants, civil and criminal disturbances, campus riots and disorders, Oct. 1967-May 1969, staff study, 14087

Military Academy, West Point, USMA library bulletins, 14519-520

Military aid:

agreement with—

Belgium, 14929

Japan, 14917

foreign assistance act of 1969, hearings, 13028

military assistance facts, 14098

military assistance program, address directory, MILSTRIP, 14113-114

Military aircraft, *see* Aircraft.

Military Airlift Command, airlift service management report, 13625

Military art and science:

Army transportation movements management, 13656

special military operations handbook, air traffic control service, change, 13642

tactical information processing for displays, implications of Behavioral Science Research Laboratory research, 13668

Military assistance, *see* Military aid.

Military equipment, *see* Military supplies.

Military indexes, Defense Department, specifications and standards, 14096-97

Military facilities, agreement with Spain, 14910

Military history:

bibliography, 14519

USAF historical studies series, 13636-637

Military operations, *see* Military art and science.

Military personnel, *see* Armed Forces.

Military service, your military obligation, details, etc., 13683

Military standards, *see* Standards and standardization.

Military supplies:

cataloging system, standardization, etc., semiannual report, 13919

Defense Department—

specifications and standards, index, 14096

appendix, 14097

standardization documents, classification listing, 14094

letters of Trench Cox, Commissioner of Revenue, on procurement of military, naval and Indian supplies, 1794-96, pamphlet to accompany microcopy, 14657

military items, definitions of levels, item exchangeability, models, and related terms, military standards, 14099

overseas U.S. agencies, effectiveness in meeting supply requirements, GAO report, 14314

preservation, packaging, packing, DSA manual, change, 14083

Milk:

cows on farms, June 1969, 14934

production, monthly reports, 14934

Milking Shorthorn cattle, *see* Cattle.

Million, Louis N., staff study, 1980, metropolitan area airport capacity analysis, location—Atlanta, Ga., 13649

Millonzi, Francesca A., relief, 13960

MILSTRIP, military assistance program address directory, 14113-114

Milton, John B., standard time and frequency, its generation, control, and dissemination from National Bureau of Standards Time and Frequency Division, 14672

Mine safety, *see* Safety of life.

Minerals:

industries, census 1967, EC series, 13754-755

industry, minerals yearbook chapter—

Bolivia, 14537

Burma, 14538

Colombia, 14539

Hungary, 14540

Pakistan, 14541

INDEX

Minerals—Continued
Industry—Continued
Sierra Leone, 14542
Taiwan, 14543

magnetic separation of minerals of low susceptibility and small particle size, 14555
pollution, problem in Colorado River Basin, general background, 14243
resources—

Blue Range primitive area, Greenlee County, Ariz., and Catron County, N. Mex., 14328
San Juan primitive area, Colo., 14329
valuation for public policy, 14530

Miners, *see* Coal mines and mining.
Mines and mining, Alaska-Northwest Canada, economic activities, comparison of mining laws and oil and gas laws and practices with recommendations for policy, 14194
see also Hydraulic mine filling.

Mines Bureau :
coal-fired gas turbine research project, test of combustor and ash separators for open-cycle plant, 14558
information circulars, 14529-531
report of investigations, 14549-559
Mining machinery, shipments, 1961-68, patterns of industrial growth, 13730
Minnesota :

census of business, 1967, retail trade, area statistics, 13742
National Park Service, Minnesota Governor's book, 14706
uranium reconnaissance, preliminary, 13709

Minorities :
education and economic advancement of minority groups in U.S. (remarks), 14227
minority business enterprise directory, 13804
Minority Business Enterprise Office, directory of private programs, 13804

Minors, *see* Children.
Mint, Philadelphia, dedication (remarks), 14951

Mint Bureau, letters sent by Director of Mint at Philadelphia, 1795-1817, pamphlet to accompany microcopy, 14656
Minutillo, Rose, relief, 13902

MIRV (multiple independently targeted reentry vehicles), *see* Missiles.

Miscellaneous publications, *see* names of departments, etc., issuing publications.

Missiles :
antiballistic, strategic and foreign policy implications of ABM defense systems, hearings, 14031

antisubmarine warfare and multiple independently targeted reentry vehicles (MIRV) strategic and foreign policy implications of ABM defense systems, hearings, 14034
Industry, 1957-68 R & D, 14716

Mississippi, uranium reconnaissance, preliminary, 13712
Mississippi River and Valley :

lead-zinc explorations, lead isotope guide, 14335
upper basin, quality of surface waters, 14376

Missouri :
climate, 14162
National Park Service, Missouri Governor's book, 14707
uranium reconnaissance, preliminary, 13709

Missouri River and Valley :
surface water supply of basin, below Nebraska City, Nebr., 14375
upper basin, quality of surface waters, 14376

Missouri River Basin project :
Ainsworth unit, Nebr., Sandhills division, general information, 14824

Kortes unit, operation, modification, report, 13995
Yellowtail unit, general information, 14845

Mobility, persons and families, Mar. 1969, selected characteristics, 13763
Modified 59 Fe ferrokinetic procedure, 13632

Moisture, penetration and battery life of subdermally implanted devices, 13633
Molecular structure, molecular orientation and mechanical anisotropy in polyethylene, polypropylene, and poly (ethylene terephthalate) films, 14628

Molecules, ion-molecule collisions with long lived capture complexes, computer plotting description, 14645
Molnar, Andrew R., Office of Education support of computer activities, 14145
Molten cells, *see* Salts.

Molybdenum, minerals yearbook chapter, 14545
Monomers, radiation-induced polymerization and copolymerization of unusual monomers, 13717

Money :
banking and monetary statistics, 14225
recent international financial and monetary developments, hearing, 13923
see also Paper money.

Monitors (aeronautics) :
weld quality monitor, development, 14609
Monkeys, squirrel monkey (*Saimiri sciureus*), cardiac output by thermoflution, repeated or continual measurements, 14496

Montana :
National Park Service, Montana Governor's book, 14708

water resources data, 14366
Montgomery County, Ill., soil survey report, 14877

Moon :
conference on electromagnetic exploration, report, 14596

landing, commemorative air mail stamp ceremonies (remarks), 14772
observations made with 6-inch transit circle 1956-62, correction to FK4, GC and N30, 14724

10-cent moon landing commemorative air mail postage stamp (poster), 14769
see also subjects beginning Lunar.

Moore, Billy J., hellum, 14523
Moore, Elbert C., relief, 13891

Morality, *see* Ethics.
Morgan, Charles W., oceanography of Grand Banks region of Newfoundland, 13801

Morning, John L., molybdenum, 14545
Mortality, *see* Death.

Mortgage insurance :
FHA—

home, general information, 14387
technically suitable manufactured housing, 14205

mortgagees' handbook, home programs, FHA manual, revisions, 14207
Mosio, Maria, relief, 13845, 13981

Motion, ground motion and containment, analysis of data, Project Handcar, 13706
Motion pictures :

film guide on reproduction and development, 14687
use of illustrations and motion-picture films and slides of paper money, postage and revenue stamps, and other obligations and securities of United States and foreign governments, 14851

Motor carrier decisions, *see* Interstate Commerce Commission.
Motor vehicle accidents, motor carriers, vehicle defects or mechanical failure, 1968 analysis, 14563

Motor vehicles, *see* Vehicles.
Motorists, rest area use study manual, 14819

Motors, propulsion motor plume, estimating diameter of plasma, 14746
Motortrucks, lift trucks, fork, platform, and pallet, Federal item identification guide, 14089

Motivation (psychology):

Step Test of motivation to excel, 14518

Moving, *see* Transportation.

Mount Baker National Forest, 1968 hemlock-looper project, 14266

Mount Rainier, geologic story, 14334

Mt. St. Helena, Gifford Pinchot National Forest, general information, 14271

Mounts, Jack, 1968 hemlock-looper project, Mount Baker National Forest, 14266

Mozambique, *see* Portuguese East Africa.

MP series, 14393-396

Mud Hills, Barstow formation, San Bernardino County, Calif., diagenesis of tuffs, 14351

Muller, Charles H., supersonic compressor stage development, 13675

Multiple independently targeted reentry vehicles, *see* Missiles.

Municipal bonds, tax treatment, tax reform, press releases announcing tentative decisions, 13945

Muskrats, habitat needs, etc., 14867

Mutter, H. B., remarks, Sept. 4, 1969, 14209

Mutual defense, *see* Military aid.

Mycoplasma, nongonococcal urethritis associated with, T strains, 14511

Myers, Robert J.:

accrued cost of SMI program for 1966 and

1967, 14862

current experience of SMI program on cash basis, 14863

SMI benefit experience for 1966-68 as shown on payment records, 14561

N

NAMI, *see* Naval Aerospace Medical Institute.

Narcotics and Dangerous Drugs Bureau, bulletin, 14564

NASA, *see* National Aeronautics and Space Administration.

Natick Laboratories, Natick, Mass., technical reports, 13657

National Academy of Sciences, Panel on Technology Assessment, report, 13941

National Aeronautics and Space Administration:

Apollo program posters, 14566

contractor report CR (series), 14567-591

future space programs, hearings, 14011

NASA picture sets, 14592-594

SP series, 14595-14600

space flight investigations, opportunities

for participation, 14653

special publications, list, 14601

technical notes, 14602-649

technical translations, 14650-652

National Air Pollution Control Administration, publications, APTD series, 14797

National Air Surveillance Networks, continuous air monitoring projects, 1964 data tabulations and summaries, Chicago, Cincinnati, Philadelphia, St. Louis, Washington, D.C., 14797

National Airspace System Program Office, system package program NS-SPP series, 14190

National and Regional Export Expansion Councils, helping American business to compete successfully in world markets—general information, 13806

National archive:

genealogical records, 14654

microfilm publications, pamphlet accompanying, 14655-661

National Archives and Records Service, general information leaflets, 14654

National banks, foreign activities, Federal reserve regulation, 14232

National Bureau of Standards:

frequency and time broadcast services,

radio stations WWV, WWVH, WWVB,

WWVL, errata, 14670

handbooks, 14663

monograph, 14665

national standard reference data series,

14666-667

special publications, 14670-671

technical notes, 14672-675

Time and Frequency Division, standard

time and frequency, its generation, control,

and dissemination, 14672

National Capital, *see* Capital of United States.

National Center for Health Statistics, vital

and health statistics series, PHS publication

1000, current listing, 14785

National Communicable Disease Center, foodborne outbreaks, 1968 annual summary, 14798

National Conference for Coordinating Rehabilitation and Education Services for the Deaf, proceedings, 14549

National Consumer Information Foundation, establish hearings, 14034

National Corporation for Housing Partnerships, incorporate, nomination of Carter

L. Burger, hearing, 14018

National defense:

agreement with Spain, 14910

defense-related economic activity during

1969, 2d quarter (statement), 13809

special military operations handbook,

change, 13642

student loan program, 1969-70 allocations

of Federal funds, 14052

see also National Security

National electric rate book, 14214-221

National Endowment for the Humanities, senior fellowships, 1970-71, announcement poster, 14679

National Environmental Satellite Center:

ESSA technical memorandum NESCTM

series, 14163

ESSA technical report, NESCT series, 14171

National forests:

Colorado, multiple use of resources, 14272

development road system, traffic regulation

and law enforcement, 13602

Intermountain region, yearbook, national

forests in profile, 14273

Wyoming, multiple use of resources, 14274

see also Wilderness areas—also names of

forests.

National Gallery of Art, history of art, 1968, report and studies, 14680

National Grange, civil defense programs, 13782

National Guard, Army, reemployment rights, briefing session and program, 13658

National Heart Institute, national blood resource program, 14691

National Institutes of Health:

publications list, quarterly, 14692

resources analysis memo, 14695

National labor relations act, *see* Industrial relations.

National Labor Relations Board, annual report, 14698

National Materials Policy Commission, establish, proposal, 14061

National Meteorological Center, operations, etc., 14176

National Park Service:

historical handbook series, 14703

Iowa, Governor's book, 14705

Minnesota, Governor's book, 14706

Missouri, Governor's book, 14707

Montana, Governor's book, 14708

Nebraska, Governor's book, 14709

North Dakota, Governor's book, 14710

South Dakota, Governor's book, 14711

INDEX

- National parks, 1872-2000, public use of system, 14714
see also names of parks.
- National Plant Materials Center, Beltsville, Md., annual report, 14868
- National poultry improvement plan, *see* Poultry.
- National Reactor Testing Station, Idaho Falls, Idaho, injection of gas into lithosphere, 13896
- National Reclamation Association, directors, annual meeting, 14040
- National security:
 ABM defense systems, strategic and foreign policy, antisubmarine warfare and multiple independently targeted reentry vehicles (MIRV), hearings, 14031
 air traffic control, Federal aviation regulations, 14186
 internal security act, amend, hearing, 14051
- National standard reference data series, 14666-667
- National System of Interstate and Defense Highways, route 52 in West Virginia, designate as part of, hearings, 13939
- National Transportation Safety Board:
 annual report, 14719
 general information, 14718
- Nationality:
 laws, administrative decisions, index, 14398
 nondiscrimination in public and private employment, equal employment opportunity under Federal law, guide, 13785
- Native races, native American arts (series), 14402
- Natural gas, *see* Gas.
- Natural resources:
 conservation in your life, services to educators, 14256
 mineral resource valuation for public policy, 14530
 resource planning in Wyoming, how soil surveys help, 14871
 resource publications (series), 14885
 westward Alaska, native economy and its resource base, 14201
- Navajo Indian irrigation project, act of June 13, 1962, amend, hearing, 14045
- Navajo Indian project, additional lands, acquire, report, 13992
- Navajo Reservation, road, construction and improvement, report, 14007
- Naval Aerospace Medical Institute, NAMI series, 14493-503
- Naval education:
 naval air training schools, optimal weighting of course grades, 14500
 naval flight officer student prediction system, expansion, 14499
- Naval Facilities Engineering Command:
 design manual, 14722
 NAVFAC Technical Training Center courses, 14723
- Naval Medical Field Research Laboratory, Camp LeJeune, N.C., report, 14504-514
- Naval Observatory, publications series, 14724
- Naval Oceanographic Office:
 informal report IR series, 14725
 publications series, 14726-736
- Naval Postgraduate School, Monterey, Calif., abstracts of dissertations, theses, and research papers submitted by candidates for degrees, 14737
- Naval Research Laboratory:
 annual report, 14741
 report series, 14742-755
- Naval Submarine Medical Center, reports, 14515-518
- Naval supplies, *see* Military supplies.
- Naval training, *see* Naval education.
- Navigation, dictionary, 14730
- Navy:
 dental administration, manual, change, 14739
 naval air training schools, optimal weighting of course grades, 14500
 naval flight officer student prediction system, expansion, 14499
 research, 45 years, 14741
- Navy Department:
 aircraft engine procurement, potential for savings by reduction, GAO report, 14324
 RDT & E management guide, 14758
- Near East, *see* East (Near East).
- Nebraska:
 census of business, 1967, retail trade, area statistics, 13743
 National Park Service, Nebraska Governor's book, 14709
 uranium reconnaissance, preliminary, 13710
 water resources data, 14367
- Nee, Peter M., relief, 13967
- Needle blight, *see* Leaf cast.
- Nehmer, Stanley, remarks, Sept. 16, 1969, 13807
- Neighborhood Youth Corps:
 Gary, Ind., program, effectiveness and administrative efficiency, GAO report, 14310
- Gila River Indian Reservation and Pinal County, Ariz., program, effectiveness and administrative efficiency, GAO report, 14311
- Kansas City, Mo., program, effectiveness and administrative efficiency, GAO report, 14312
- Maricopa County, emphasis on Phoenix, Ariz., program effectiveness and administrative efficiency, GAO report, 14313
- Neighborhoods, neighborhood facilities program, 14392
- Nematoid worms, nematoda, parasite, subject catalogue, 13543
- Nephritis, *see* Pyelonephritis.
- NESC, *see* National Environmental Satellite Center.
- Neutron detectors, *see* Detectors.
- Neutrons, use of LIF detectors in neutron flux integrator, feasibility study, 13693
- Nevada:
 census of business, 1967, selected services, area statistics, 13757
 electric rate book, 14218
 Valley of Fire State Park land conveyance, report, 13991
- New Brunswick Laboratory, research progress report, 13698
- New education, promise and performance (address), 14140
- New Hanover County, N.C., Agricultural Stabilization and Conservation Service, annual report, 13575
- New Jersey:
 census of business, 1967, retail trade, area statistics, 13744
 water resources data, 14368
- New Mexico:
 electric rate book, 14219
 Indian lands, longer term leases for lands located outside Indian reservations, report, 14000
 northern, Precambrian elastic and pelitic rocks, gold investigations, 14332
 water resources data, 14369
- New Orleans, passenger lists of vessels arriving, 1820-1902, pamphlet to accompany microcopy, 14658
- New York City:
 economy, charting, 14468
 employment, unemployment, and living conditions, facts, 14474
 high-speed rail line, grade crossings, eliminate, hearings, 13939

New York City—Continued

job situation, facts, 14475-476
 job trends, facts, 14477
 multifamily housing construction, cost and time associated with, 14396

New York State:

census of business, 1967, retail trade, area statistics, 13745
 pollution of Interstate waters of Lake Champlain and its tributary basin, conference proceedings, 14240
 water resources development by Army Corps of Engineers, 14154

New Zealand, economic trends and their implications for United States, 14420

Newborn, *see* Infants.

Newfoundland, Grand Banks region, oceanography, 13801

News releases, *see* names of departments, etc., issuing releases.

Newton, John R., report on sea water desalination analytic procedures, 14404

Nickel:

alloys, in high velocity gas stream, oxidation and thermal fatigue cracking, 14624
 collector, and chloride vapor deposited tungsten emitter (110) thermionic converter with, characteristics, 14587
 solubility in liquid sodium of high oxide content, 14751

NIH, *see* National Institutes of Health.

Niobium carbide, electrical resistivity of hyperstoichiometric columbium carbide materials at elevated temperatures, 14553

Nitrates, nitrate ion, dilute solution reactions, as applied to water reclamation, 14245

Nitrogen:

demand in U.S., statistical analysis, 14529
 minerals yearbook chapter, 14546

Nitschke, Violet, relief, 13895

Noise:

attenuation—
 predicting, in acoustically treated ducts for turbofan engines, studies, 14570
 provided by flight helmets, manikin measurements, 14503

Nominations, Air Force Reserve general officers, hearing, 14016

see also names of persons.

Nonagricultural employment, *see* Employment.

Noncitizens, *see* Aliens.

Non-discrimination, *see* Race problems.

Nonequilibrium gasdynamics, 14583

Nongonococcal urethritis, *see* Urethritis.

Nonmetals, minor, minerals yearbook chapter, 14544

Nonprofit organizations:

nonprofit sponsors of housing for lower income families, 14389
 tax-exempt foundations and charitable trusts, their impact on our economy, 13942

North America, Pacific Coast, tidal current tables, 13798

North American fauna, 14883

North Carolina:

census of business, 1967, retail trade, area statistics, 13746
 electric rate book, 14220
 uranium reconnaissance, preliminary, 13713

North Cascades National Park, general information, 14712

North central region, *see* Central States.

North central States, *see* Central States.

North Dakota:

National Park Service, North Dakota Governor's book, 14710
 shelterbelts, major insect pests, abundance and distribution by climate and host age, 14289

water resources data, 14370

North Sea, lights and fog signals, list, 14729

Northeast (U.S.):

Northeast Corridor subregions socioeconomic projections, 14945

Northeast Corridor Transportation Project, research reports, bibliography, 14223

Northern Utilization Research and Development Division, origin and purpose, research program, etc., general information, 13546
 Notes, *see* Treasury notes.

Nova Scotia, sailing directions, change, 14727

Nozzles, Mach 4.4 water-cooled conical nozzle, experimental and theoretical turbulent boundary layer development, 14625

NTTC courses, 14723

Nuclear defense design for architects and engineers, 13781

Nuclear explosions:

computer program to analyze dynamic response of high rise buildings, 13783
 seismic intensity data used to predict effects in various geologic settings, 14333
 underground nuclear detonations, offsite safety programs, technical discussions, 13699

Nuclear explosives, *see* Atomic blasting.

Nuclear power, *see* Atomic energy.

Nuclear reactors, *see* Reactors (atomic).

Nuclear science, nuclear education and research, conference on special topics, 13690

Nuclear tests, *see* Nuclear explosions.

Nuclear weapons, *see* Weapons.

Numerical calculations, FORTRAN program for machine computation of group tables of finite groups, 14641

Nursery schools, *see* Day care of children.

Nurses and nursing:

nursing careers in Federal service, 13789
 professional nurses, traineeship program, schools offering traineeships for full-time academic study, 14806

Nursing, *see* Nurses and nursing.

Nutrition:

child nutrition and school food assistance, hearings, 14058
 Clinical Center dietetic manual for metabolic kitchen units, 14686
 nutrition and human needs, national survey, hearings, 14058

Nutrition and Human Needs, Select Committee on, Senate, hearings, 14058

Nuts, tree nuts, production, use, value, by States, 14935

Nuts (machinery), *see* Bolts and nuts.

Nybakken, G. H., laboratory experiments on reverted rubber friction, 14577

Nye County, Nev., Amargosa Desert, Geological Survey tracer study, exploratory drilling, tracer well construction and testing, and preliminary findings, 14360

Nylon, phenolic, chemical equilibrium of ablation materials, including condensed species, 14636

O

OAR, *see* Aerospace Research Office.

Obacz, Ryszard S., relief, 13964

Obligations, *see* Contracts.

Obscene matter, material sold or offered for sale to minors, exclude from U.S. mails and nonmailable, hearings, 13936

Occupations:

career development, selected references, 14379

career opportunities—

 Commerce Dept., auditing, 13803

 Customs Bureau, can you find it? 14074

 girls, expanding opportunities, their special counseling needs, 14969

 occupational outlook in late 1960's, facts, 14478

 occupational safety aid, OSA, LS series, 14446-450

INDEX

Occupations—Continued
trends in sanitary services, warehouses,
and stockrooms in northern Illinois,
14466
see also names of occupations, industries,
etc.
Ocean, upwind-downwind-crosswind sea-clut-
ter measurements, 14748
Oceanography:
Grand Banks region of Newfoundland,
1967, report, 13801
oceanographic reports, 13801
upwind-downwind-crosswind sea-clutter
measurements, 14748
Oceanography, Institute for, *see* Institute for
14506
Ochoeco National Forest:
Douglas-fir tussock moth control, 1965
surveillance, Burns project, 14295
general information, 14275
Oden, Laurance L., preparing alkaliized alum-
ina, 14557
OECD, *see* Organization for Economic Coor-
peration and Development.
Officer candidate schools, Quantico, Va.,
physical training platoon, evaluation,
14506
Officers, *see* Armed Forces—*also* names of
services to which officers belong.
Ohio:
census of business, 1967, retail trade, area
statistics, 13747
uranium reconnaissance, preliminary,
13709
Oil, *see* Oils—Petroleum.
Oils, oil mists from mechanical vacuum
pumps, control and reduction, glovebox
fire safety application, 13719
see also names of oils.
Oklahoma:
Agricultural Stabilization and Conserva-
tion Service activity summary—
1st Congressional District, 13569
2d Congressional District, 13570
3d Congressional District, 13571
4th Congressional District, 13572
5th Congressional District, 13573
6th Congressional District, 13574
census of business, 1967, retail trade,
area statistics, 13748
electric rate book, 14221
uranium reconnaissance, preliminary,
13710
Olympic National Forest, 1968 report, 14276
On batholiths and volcanoes, 14347
Operation Deep Freeze, *see* Antarctic regions.
Opinions, *see* names of courts, etc., rendering
opinions.
Optical measurements, onboard, of ejected
probe or natural satellite, method of de-
riving orbital perturbing parameters,
14584
Optimal weighting of course grades for 2
naval air training schools, 14500
Oranges, genera, species, and subordinate
taxa in orange subfamily Aurantiaceae
(Rutaceae), catalog, 13537
Orbits:
manned earth orbiting missions, biotech-
nology laboratory, study—
results, recommendations, and require-
ments, 14580
summary of individual experiments re-
quirements, 14581
orbital perturbing parameters, method of
deriving, from onboard optical mea-
surements, of ejected probe or natural
satellite, 14584
Orders, *see* subjects.
Oregon:
Christmas tree directory for growers,
wholesalers, and retailers, 14254
national forests in Cascades, management
direction for wilderness and primary
recreation zones, 14269
Ores, *see* names of metals or minerals.

Organic compounds:
synthetic chemicals, production and sales—
elastomers, 14940
pigments, 14941
Organization, *see* Planning.
Organization for Economic Cooperation and
Development, general information, 14905
Organizations, *see* International organiza-
tions.
Organized crime, *see* Crime and criminals.
Orientation, photo scale and orientation, ef-
fect of disparity on change detection,
13666
Orr, Martha L., pantothenic acid, vitamin
B6 and vitamin B12 in foods, 13591
Oscillations, liquid-rocket longitudinal oscil-
lation (pogo), prevent by use of simplified
analytical model in design of pump-inlet
accumulators, 14638
Osmosis, reverse, 10,000 GPD, spiral module
pilot plant, San Diego, Calif., test, 14406
Our need is so great, our objective so reason-
able, our resolve so determined (remarks),
13807
Outer space:
Apollo—
"First manned lunar landing," color
prints, 14593
"Man on the moon," color print, 14594
conference on electromagnetic exploitation
of moon, report, 14596
future NASA programs, hearing, 14011
NASA space art—
"Eyewitness to space," color prints,
14592
Outpatient services, *see* Clinics.
Overseas service, overseas U.S. agencies, ef-
fectiveness in meeting supply requirements,
GAO report, 14314
Overseas Private Investment Corporation,
create, hearings, 13928
Oversight of oil development activities in
Alaska, 14046
Oxidation:
aqueous, of mild steel, study of hydrogen
evolution, 14750
oxidation and thermal fatigue cracking of
nickel- and cobalt-base alloys in high
velocity gas stream, 14624
Oxides, *see* oxides by name, e.g., Carbon
dioxide.
Oxygen:
acoustic-mode instability in hydrogen oxy-
gen rocket, effect of injection element
radial distribution and chamber geom-
etry, 14623
liquid oxygen/liquid hydrogen explosive
effects in controlled failure mode tests,
14629
Ozark Air Lines, Inc., aircraft accident,
14717
Ozarks region, Ozark gateway district, pre-
liminary economic analysis, 14124

P

P.H.S., *see* Public Health Service.
PA series, 13597-602
Pacific Coast:
eastern, 1888-1966, halibut fishery, 13820
North America and Asia, tidal current
tables, 13798
Pacific Islands Trust Territory, *see* Trust
Territory of Pacific Islands.
Pacific Ocean:
central and western, tide tables, 13799
northwest, Loran-C table, pair SS3-Z,
14734
northwestern bathymetric atlas, 14736
south, Loran-A table, rate 2L2, 14732
Pacific Oceanographic Laboratory, ESSA
technical report ERL-POL series, 14168-
169
Packages, symbols for hazardous industrial
chemicals and materials, military stand-
ard, 14108

Packaging, *see* Packages—Packing.

Packers, *see* Packing industry.

Packing:

optimum, of hollow spheres in buoyancy materials, 14752

preservation, packaging of military supplies and equipment, DSA manual, change, 14083

Packing industry:

packers and stockyards act—
can help you recover losses, 13598
what it is, how it operates, 13597

Page, Louise, food and your weight, 13590

Paint, fire-retardant system for nuclear submarine interiors, 14749

Paintings, NASA space art—Eyewitness to space, color prints, 14592

Pakistan:

agricultural commodities, agreement, 14930
background notes, 14892
mineral industry, minerals yearbook chapter, 14541

west, Indus Plains corrosion and encrustation mechanisms in tube wells, preliminary evaluation, 14343

Paleobiology, Smithsonian contributions to paleobiology, 14859

Palisades Reservoir, recreation map, 14280

Pallet trucks, *see* Motortrucks.

Palmer, Edward L., can television really teach? 14130

Pamphlets, *see* names of departments, etc., issuing pamphlets.

Panama Canal, Isthmian Canal demand forecast, economic analysis of potential tonnage traffic, 14044

Panels and paneling, titanium skin-stringer panels, influence of various fabrication methods on compressive strength, 14634

Pantothenic acid, *see* Vitamins.

Paper:

and related products, trade and tariff information summaries, 14939

Government specification standard, 13947

Paper money, use of illustrations and motion-picture films and slides, 14851

Parachute jumping, *see* Parachuting.

Parachutes, personnel, testing standard for, military standard, 14102

Parachuting, parachute jumping, Federal aviation regulations, 14186

Paraguay, agricultural commodities, agreement, 14912

Parahydrogen, *see* Hydrogen.

Parks, Project Skywater, special park range cooperative experiment, summary report, 14827

see also National parks—also names of parks.

Paralyzed Veterans of America, incorporate, 13864

Parameters:

orbital perturbing, method of deriving, from onboard optical measurements of ejected probe or natural satellite, 14584
parameters to be controlled for specification of microcircuits, military standard, 14106

Parasites:

cotton insect, rearing in laboratory, 13605
nematoda and acanthocephala, subject catalog, 13543

subject catalogue, 13542, 13544

Parasitology, medical and veterinary zoology, index-catalogue, 13543

Parents, Children's Bureau publications for parents, list, 13776

Parker, John G., zirconium and hafnium, 14562

Parlett, Lysle P., wind-tunnel investigation of STOL aircraft configuration equipped with external-flow jet flap, 14617

Particles, minerals of small particle size, magnetic separation, 14555

Partners in the future, ships and ports, 14488

Passenger vessels, *see* Ships.

Passengers:

passenger lists of vessels arriving at—

Boston, 1848-91, index, pamphlet to accompany microcopy, 14659

New Orleans, 1820-1902, pamphlet to accompany microcopy, 14653

Patana, Raymond, rearing of cotton insects in laboratory, 13604

Patents:

classification manual, replacement pages, 14765

plant, questions and answers frequently asked, 14766

Pathfinder reactor, *see* Reactors (atomic).

Patients, in mental hospitals, 1967, State and county, list, 14796

Pattee, H. E., flame straightening and its effect on base metal properties, 14854

Patterns of industrial growth (series), 13728-730

Patton, David R., deer and elk use of ponderosa pine forest in Arizona before and after timber harvest, 14282

Paulson, Danton L., electrical resistivity of hyperstolchometric columbium and zirconium carbide materials at elevated temperatures, 14553

Pavements, rigid and overlay design, Army airfield and heliport, technical manual, change, 13662

Pay, *see* Salaries.

Pay, allowances, etc.:

plant movement, transfer and relocation allowances, major collective bargaining agreements, 14451

State Department living quarters allowances, 14480

Pay rolls, Federal agencies, principles and procedures, GAO guidance manual, 14302

Payments, unauthorized, cessation of proficiency pay and variable reenlistment bonuses to candidates in officer training programs, Defense Department, GAO report, 14306

Payrolls, *see* Pay rolls.

Peace Corps, returning volunteers opportunities in Federal civil service, 13791

Peat, minerals yearbook chapter, 14547

Pedestrianism, *see* Walking.

Pend Oreille River and Valley, Albion Falls Dam, northern Idaho, general information, 14147

Pender, William D., relief, 13877

Pender County, N.C., Agricultural Stabilization and Conservation Service, annual report, 13575

Penetration, battery life and moisture penetration of subdermally implanted devices, 13633

Pennsylvania:

Agricultural Stabilization and Conservation Service activity summary, congressional district summary, 13576

census of business, 1967, retail trade, area statistics, 13749

uranium reconnaissance, preliminary, 13711

Pense, R. A., mineral industry of Taiwan, 14543

Performance tests (human):

officer performance, factorially derived information, measures for differential prediction, 13665

Perishables, *see* Agricultural products.

Perkins, Randall F., thinning program for Malheur National Forest, 14296

Permian period, brachiopods from west Texas, 14859

Perry County, Ind., soil survey report, 14878

Persia, records of State Department, political relations with U.S. and other States, pamphlet to accompany microcopy, 14661

Personal property, Defense Department, status report, 14115

INDEX

- Personality tests, stability of Edwards personal preference schedule need scale scores and profiles over 7-week interval, 14495
- Personnel administration, *see* Administrative management.
- Personnel management, *see* Administrative management.
- Personnel qualifications for medicare personnel, 14380
- Perspective, human deprivation, biological, psychological, and sociological influences, 14693
- Pesticides:
- Agriculture Dept. activities, 1968, progress report, 13606
 - registered agricultural chemicals, fungicides and nematocides, summary of uses, 13556
- Pestina says, help stop spread of plant pests, 13601
- Pests:
- control technology, basic, 14723
 - forest pest leaflets, 14263
 - major insect pests in North Dakota shelterbelts abundance and distribution by climate and host age, 14289
 - plant pests, help stop spread of, 13601
- Petkof, Benjamin:
- diatomite, 14526
 - minor nonmetals, 14544
 - salt, 14560
- Petroff, C. P., basic development and applications of bubble chambers for low level counting, 13697
- Petroleum:
- Alaska-Northwest Canada, economic activities, comparison of mining laws and oil and gas laws and practices with recommendations for policy, 14194
 - laboratory oil-recovery tests with ultrasonically formed emulsions, 14559
 - Laramie Petroleum Research Center, Wyo., general information, 14533
 - oil resources development activities on public lands in Alaska, Interior Department's manpower, funding requirements, and capability to oversee, hearing, 14046
- Petroleum refineries, United States and Puerto Rico, mineral industry survey, 14548
- Petty, Clayton, theories of mechanism of action of inhalation anesthetics, 13627
- Petty, Clifford L., relief, 13842, 13985
- Phenolic nylon, *see* Nylon.
- Philadelphia, Pa., data tabulations and summaries 1964, continuous air monitoring projects, National Air Surveillance Networks, 14797
- Phoenix, Ariz.:
- migrant and seasonal farmworkers program, effectiveness and administration, GAO report, 14309
 - Neighborhood Youth Corps program, effectiveness and administrative efficiency, GAO report, 14313
- Phosphate rock, *see* Rock phosphates.
- Phosphates, *see* Rock phosphates.
- Photo log, 1970 census, 13758
- Photodiodes, *see* Diodes.
- Photographs, catalog of copyright entries, 14068
- Photography, photo scale and orientation, effect of disparity on change detection, 13666
- Photons, cross sections, attenuation coefficients, and energy absorption coefficients from 10 keV to 100 GeV, 14667
- Photosynthesis, tree seedlings, assimilation chamber for outdoor measurements, 14285
- PHS, *see* Public Health Service.
- Physical education and training, physical training platform, Officer Candidate School, Quantico, Va., evaluation, 14506
- Physical fitness:
- clinics, 14774
 - test, reevaluation, 14514
 - test standards for women marines, 14505
- Physics, *see* Radiophysics.
- PI series, 14771
- Picloram, soil-applied, for selective control of brush on chaparral watersheds, 14283
- Picnics:
- camping and picnicking in—
 - Eldorado National Forest, 14252
 - Tahoe National Forest, 14253
- Picture story series, 13603
- Pictures, NASA picture sets, 14592-594
- Pierre shale, *see* Shale.
- Piezoelectricity, piezodialysis research, 14405
- Pigments, synthetic organic, production and sales, 14941
- Piles and pile driving, steel piling in seawater, corrosion and protection of, 14149
- Piling, *see* Piles and pile driving.
- Pilot plants, reverse osmosis, San Diego, Calif., test, 14406
- Plots and pilotage:
- certificated private pilot, study to determine flight profile and mission, 13646
 - fixed-base simulator pilot rating surveys for predicting lateral-directional handling qualities and pilot rating variability, 14615
 - see also* Aviators.
- Pinal County, Ariz., Neighborhood Youth Corps program, effectiveness and administrative efficiency, GAO report, 14311
- Pine:
- lodgepole, timber, response of deer to alternate-strip clearcutting in Colorado, 14284
 - longleaf, brown-spot needle blight, 14263
 - ponderosa, forest, deer and elk use in Arizona before and after timber harvest, 14282
- Pins, Federal item identification guide, change, 14087
- Pipe lines, pipeline and compressor station construction under non-budget type of certificate authorizations as reported by pipeline companies in fiscal year 1968, cost, 14212
- Plasma power reactor, *see* Reactors (atomic).
- Pitch (motion):
- pitch of 1/4-scale model of 2- and 3-stage rocket configuration, aerodynamic characteristics, 14626
- Plafker, George, effects of earthquake of Mar. 27, 1964, on various communities, 14346
- Planets, observations made with 6-inch transit circle 1956-62, correction to FK4, GC, and N50, 14724
- Plankton, five species of deep-water cyclopoid copepods from plankton of Gulf of Alaska, 14860
- Planning:
- planning and administrative personnel in local government, pilot study, 14461
 - RDT & E management guide, Navy Dept., 14758
- Planning (programming), *see* Programming (planning).
- Plant pests, *see* Pests.
- Plants:
- patents, questions and answers frequently asked, 14766
 - plant pests, help stop spread of, 13601
 - quarantine import requirements—
 - France, 13547
 - French Guiana, 13548
 - Guadeloupe, 13549
 - Iran, 13550
 - Martinique, 13551
 - Réunion, 13552
- Plants (industrial):
- defense-oriented industries, shipments, 1967, current industrial reports, 13762

Plants (industrial)—Continued

inland desalting, disposal of brine effluents, review and bibliography, 14407
movement, transfer, and relocation allowances, major collective bargaining agreements, 14451
see also Osmosis.

Plasma, diameter of plasma in propulsion rocket plume, estimating, 14746

Plastics:

fluorocarbon in epoxy plastics, 14747
surface chemistry reinforced by strong fibers, 14755

see also Laminated materials.

Plates:

coupled acousto-mechanical systems, transient response, 14588

flat, submerged in turbulent boundary layer at Mach 2.49 and 4.44; flow-field measurements downstream of two protuberances, 14608

use of small and large displacement data from essentially elastic buckling tests on columns and plates to correlate theory and experiment, 13673

Platform trucks, *see* Motortrucks.

Pleasant, Wylo, relief, 13900

Pleasant Western Lumber Co., relief, 13900
Pleasant's Logging & Milling, Inc., relief, 13900

Plowshare program (civil, industrial and scientific uses for nuclear explosives):
Project Buggy, preshot geologic and engineering properties, investigations, 13704
report, 13706

underground emplacement of nuclear explosives, construction techniques and costs, 13708

Plowshare program (peaceful uses for nuclear explosives):
report, 13705

Plumes, *see* Jet plumes.

Plunkett (U.S.S.):

loan, extension, agreement with Republic of China, 14924

Plymouth County, Mass. soil survey report, 14879

Plywood, softwood, construction and industrial, standard of trade, 14668-669

Plzak, Vivian, further survey of compounds for radiation protection, 13629

PMG series, 14066

Poisons, *see* Food poisoning.

POL, *see* Pacific Oceanographic Laboratory.

Poland, fisheries, middle Atlantic Ocean, western region, agreement, 14915

Political activities, *see* Politics.

Politics:

Alaska-Northwest Canada, regional, political, and communications aspects of development relations, 14195

Rural Electrification Administration's bulletin inhibiting political activities by its borrowers and their employees, hearing, 13932

Pollzos, Nikolas, relief, 13968

Pollution of water, *see* Water pollution.

Polyethylene, films, molecular orientation and mechanical anisotropy, 14628

Polyethylene terephthalate, films, molecular orientation and mechanical anisotropy, 14628

Polymers and polymerization radiation-induced polymerization and copolymerization of unusual monomers, 13717

Polypropylene, films, molecular orientation and mechanical anisotropy, 14628

Pond, Floyd W., grazing values on undisturbed chaparral versus areas converted to grass, Tonto Springs Range, 14264

Ponderosa pine, *see* Pine.

Ponds, management for trout, 14869

Poor, nutrition and human needs, national survey, hearings, 14058

Population:

census, 1970—

first count summary tapes, results, 13772

second count summary tapes, results, 13771

current population reports—

consumer buying indicators, 13770

consumer income, series, 13769

population characteristics, series, 13763

population estimates, series, 13765-768

special studies, 13764

States, estimates, 13768

United States, estimates, 13765, 13767

by age, race, and sex, advance report, 13766

Pornography, *see* Obscene matter.

Portraits, wildlife portrait series, 14889

Ports:

partners in the future, ships and ports (remarks), 14488

port series, 14152

see also names of ports, or places where located.

Portugal, atomic energy cooperation for civil uses, agreement, 14918-919

Portuguese East Africa:

Mozambique—

background notes, 14894

gazetteer, official standard names, 14327

Postage stamps:

commemorative—

6-cent football (poster), 14767

6-cent professional baseball (poster), 14768

10-cent moon landing (poster), 14769

use of illustrations and motion-picture films and slides, 14851

Postal service, employees, salary and retirement annuity increases, 13938

see also International postal service.

Posters:

Apollo program, NASA, 14566

Post Office Department, commemorative stamps, 14767-769

Post Office and Civil Service Committee,

House:

committee prints, 13937-938

hearings, 13935-936

investigations and studies, authorization, report, 13909

report, 13907

Post Office and Civil Service Committee,

Senate, hearing, 14059

Post Office Department:

posters, commemorative stamps, 14767-769

public information service, PI series, 14771

reorganization, proposals, hearings, 13935

Potash, demand in U.S., statistical analysis, 14529

Potatoes:

Irish, utilization of 1968 crop with comparisons, 14933

winter acreage marketing guides, 14063

Potomac River and Valley:

estuary at Washington, D.C., movement of solute at low inflow conditions, 14337

Project Potomac, water quality sub-task force report, 14244

Poultry:

federally inspected plants, enforcement of

sanitary, facility, and moisture requirements, Consumer and Marketing Service, GAO report, 14315

national improvement plan, conference report, 13554

Poverty:

persons and families, Mar. 1969, selected characteristics, 13763

revision in 1959-68 statistics, 13764

rural, Farmers Home Administration program reduces it, 13600

urban, facts relating to its dimension, 14472

INDEX

- Povinnelli, Louis A., solid-propellant combustion instability and role of velocity coupling, 14639
- Powell, John Wesley, soldier, explorer, scientist, biographical sketch, 14342
- Power:
- transmission facilities, improved appearance, 14835
 - 1200 Hertz Brayton-cycle space-power system, using 14.3-kilovolt-ampere modified Lundell alternator, performance characteristics, 14643
- Power County, Idaho, records of observation wells and water-level fluctuation in Aberdeen-Springfield area, 14355
- Power plants, third, at Grand Coulee Dam, colossal generating units, 14828
- see also* Electric power plants.
- Pre-Cambrian period, clastic and pelitic rocks, southwestern Colorado and northern New Mexico, gold investigation, 14332
- Precipitation, *see* Hail.
- Prediction (psychology):
- naval flight officer student prediction system, expansion, 14495
 - prelude to school, evaluation of inner-city preschool program, 13775
- President of United States:
- election, amend U. S. Constitution, hearings, 13940
 - election, amend Constitution relating to electoral college reform, hearings, 14048
- messages, *see* in main alphabet, subject of message.
- Pressure:
- compressibility data for helium at 0°C and pressures to 800 atmospheres, 14551
 - experimental distributions for family of blunt bodies at Mach numbers from 2.49 to 4.63 and angles of attack from 0° to 15°, 14637
 - external, sandwich and ring-stiffened 120-degree conical shells subjected to structural optimization, 14589
 - gaseous-hydrogen pressurant requirements for discharge of liquid hydrogen from 3.96-meter-(13-ft)- diameter spherical tank, 14632
 - total-pressure loss and airflow distribution for annular gas turbine combustors, analysis, 14631
 - total-pressure loss and airflow distribution for annular gas turbine combustors, analysis, 14631
- Pressure transducers, *see* Transducers.
- Price, Bronson, library statistics of colleges and universities, data for individual institutions, 14138
- Price, Howard L., molecular orientation and mechanical anisotropy in polyethylene, polypropylene and poly (ethylene terephthalate) films, 14628
- Prices, food, and living costs, background material, 14471
- see also* names of commodities.
- Pride, Richard A., influence of various fabrication methods on compressive strength of titanium skin-stringer panels, 14634
- Primates, radioprotection, with 2-(1-decylamino) ethanethiosulfuric acid in dimethyl sulfoxide, 13628
- Primitive areas, *see* Wilderness areas.
- Printed matter, trade and tariff information summaries, 14939
- Prints, and pictorial illustrations, catalog of copyright entries, 14068
- Priest Lake, Kanikou National Forest, recreational area, 14268
- Prisons Bureau, basic data book, 14775
- Privacy, private programs for minority business enterprise, directory, 13804
- Private laws, *see* Law.
- Probes:
- ejected, or natural satellite, method of deriving orbital perturbing parameters
- Probes—Continued
- from onboard optical measurements, 14584
 - gamma probe calibration tests, 14833
- Procedures, *see* Administrative management.
- Procurement, *see* Air Force Department—Navy Department—*also* names of commodities procured.
- Production:
- foreign products available for production in U. S. under licensee agreements, 14424
 - research reports, 13604-605
 - research under marketing agreement and order programs, authorize, hearings, 13915
- Products, *see* Commercial products—*also* names of products.
- Professional papers, Geological Survey, 14345-353
- Program aid series, 13597-602
- Programming (computers), *see* Computer programs/programming.
- Programming (planning):
- offsite safety programs for underground nuclear detonations, technical discussions, 13699
 - planning-programming-budgting innovations in State and local governments, 13848
- Progress in sport fishery research, 14885
- Project Apollo (man-in-space program):
- Apollo—First manned lunar landing, color prints, 14593
 - Apollo—Man on the moon, color print, 14594
 - NASA posters, 14566
- Project Buggy (plowshare program):
- preshot geologic and engineering properties investigations, 13704
- Project Cabriolet (field cratering experiment):
- ecological and environmental effects from local fallout, 13707
- Project Dugout (plowshare program):
- seismic interference and reciprocity for HE row charge 13705
- Project Handcar (plowshare program):
- ground motion and containment, analysis of data, 13706
- Project Head Start, early childhood, bibliography, 14378
- Project Sealab (man-in-the-sea program):
- planned Sealab III habitat vicinity, submarine sediment investigation, 14725
- Project Skywater (atmospheric water resources program):
- Colorado River basin pilot project, scientific review plans and design, 14837
 - first 7 years, 14836
 - special park range cooperative experiment, summary report, 14827
- Project Surveyor (unmanned lunar exploration):
- Surveyor program results, 14597
- Prolate spheroids, *see* Spheroids.
- Promotions, airman, weighted promotion system, 13633
- Propagation, magnetospheric duct propagation research using Alouette-2 topside-sounder observations, 14612
- Propellants:
- expanding, storable propellant-products simulated by combustion of gaseous reactants, experimental measurements, 14642
 - solid-propellant combustion instability and role of velocity coupling, 14639
 - solid, sampling, examination and testing, military standard, 14100
- Property, FIA Improvement loans, dealer and contractor guide, 14388
- see also* Real estate.
- Prophyllaxis pastes, *see* Dentifrices.

Propulsion:
 large-scale 1.075-pressure-ratio tip-turbine
 cruise-fan propulsion system—
 angle of attack, subsonic aerodynamic
 characteristics, 14611
 subsonic performance characteristics,
 14610
 motor plume, estimating diameter of
 plasma, 14746
 Protective compounds for personnel, military
 standard, 14104
 Protons, solar proton monitoring system,
 14170
 Psychological tests, *see* Personality tests.
 Psychometrics, stability of Edwards personal
 preference schedule need scale scores and
 profiles over 7-week interval, 14495
 Psychopharmacology, bulletin, 14801
 Psychotropic drugs, and related compounds,
 supplement, 14802
 Public assistance, welfare reform, proposals,
 message from the President, 13861
see also Social work and problems.
 Public comfort stations, rest area use study
 manual, 14819
 Public debt, Treasury Department circular,
 14946-948
 Public Documents Division, classified list of
 Government publications, 14777
 Public health, *see* Health.
 Public health schools, offering nurse train-
 eeships for full-time academic study, 14806
 Public Health Service:
 act, amend, hearings, 14054, 14057
 Analytical Reference Service studies, 14779
 cooperative studies, renal disease and hy-
 pertension, conferences, proceedings,
 14800
 Indian and Alaska native hospitals, con-
 tract hospitals, field health, annual sta-
 tistical review, 14780
 traineeship program, professional nurse
 full-time academic study, 14806
 Public information:
 Post Office Department, PI series, 14771
 utility companies, subject to utility con-
 sumers counsel act of 1969, hearings,
 14038
 Public lands, *see* names of States, etc., where
 lands are located.
 Public laws, *see* Law.
 Public libraries, *see* Libraries.
 Public policy, mineral resource valuation,
 14530
 Public property, national industrial reserve,
 Defense Department, annual report to
 Congress, 14080
 Public Roads Bureau:
 professional highway engineer, opportuni-
 ties, 14817
 skid resistance studies, 14820
 Public utilities, utility consumers' counsel
 act of 1969, hearings, 14038
 Public welfare:
 from welfare to wages, work incentive pro-
 gram, 14442
 role in housing, 14381
 Public works:
 appropriations, 1970, for water and power
 resources development, hearings, 13918
 economic development districts authorized
 under provisions of Public works and
 economic development act of 1965,
 status, 14117
 Public Works Committee, House, hearings,
 13939
 Public Works Committee, Senate:
 committee print, 14061
 hearings, 14060
 Publications, *see* names of departments, etc.,
 issuing publications—*also* subjects.
 Pueblo, Colo., northern part, general and en-
 gineering geology, 14330
 Pueblos, *see* Laguna Pueblo.

Puerto Ricans and labor market, facts, 14479
 Puerto Rico, petroleum refineries, mineral in-
 dustry survey, 14548
 Pumps, mechanical vacuum pumps, control
 and reduction of oil mists, glovebox fire
 safety application, 13719
 Purchasing, consumer buying indicators,
 series, 13770
 Pylonephritis, Public Health Service cooper-
 ative studies, conferences, proceedings,
 14800

Q

Quacks and quackery, cancer quacks, danger,
 14685
 Quarantine, *see* subjects.
 Quattlebaum, Charles, education and train-
 ing enactments, 14055
 Queja, Irene G., relief, 13868
 Quick, James E., fluorocarbon in epoxy
 plastics, 14747

R

R & D in aircraft and missiles industry,
 14716
 Race problems:
 discrimination in housing, progress toward
 solution of problems (address), 14384
 nondiscrimination in public and private
 employment, equal employment opportu-
 nity under Federal law, guide, 13785
 Radar:
 radar-equipped merchant ships, collisions,
 study, and preventive recommendations,
 14720
 upwind-downwind-crosswind sea-clutter
 measurements, 14748
 Radiant energy, energy absorption co-
 efficients, photon cross-sections, and at-
 tenuation coefficients from 10 keV to 100
 GeV, 14667
 Radiation:
 chemical stabilization of uranium tailings
 at Tuba City, Ariz., 14552
 doses and short-term effects on vegeta-
 tion from close-in fallout, 13707
 Infrared spectral irradiance measurements
 in space environment simulator, 14604
 protection, past, present and future (re-
 marks), 13722
 radiation-induced polymerization and co-
 polymerization of unusual monomers,
 13717
see also Blackbody—Radioprotective
 agents—Thermal radiation.
 Radiation biology, *see* Radiobiology.
 Radiation chemistry, *see* Radiochemistry.
 Radiation doses, *see* Radiation.
 Radiation exposure, *see* Radiation—Radio-
 biology.
 Radio frequencies, NBS frequency and time
 broadcast services, radio stations WWV,
 WWVH, WWVB, WWVL, 14670
 Radio propagation, *see* Radio waves
 Radio stations, WWV, WWVH, WWVB,
 WWVL, NBS frequency and time broad-
 cast services, 14670
 Radio waves:
 computer routines for synthesizing ground
 backscatter from three-dimensional ray-
 sets, 14165
 ground wave propagation in normal and
 ionized atmosphere, 14166
 Radioactive waste disposal, chemical stabili-
 zation of uranium tailings at Tuba City,
 Ariz., 14552
 Radioactivity:
 bubble chambers for low level counting,
 basic development and applications,
 final report, 13697

INDEX

Radioactivity—Continued

- fallout—
 - Cabriolet, ecological and environmental effects, 13707
 - Health and Safety Laboratory program, quarterly summary report, 13694
 - appendix, 13695
 - pebble bed chemical reactor system, development, phase 2 report, 13703
- Radiobiology:
 - modified ⁵⁹Fe ferrokineic procedure, 13632
 - research project, Radiological Research Laboratory, Columbia University, annual report, 13700
 - USSE periodical, translations, 13685
 - Radiochemistry, compounds for radiation protection, survey, 13629
 - Radiological Research Laboratory, Columbia University, annual report on research project, 13700
 - Radiophysics, research project, Radiological Research Laboratory, Columbia University, annual report, 13700
 - Radioprotective agents:
 - compounds for radiation protection, survey, 13629
 - radioprotection of primates with 2-(1-decylamino) ethanethiosulfuric acid in dimethyl sulfoxide, 13628
- Radium:
 - contamination in aircraft instrument repair facilities, evaluation, 14790
 - water load, at selected gaging stations, 14371
- Rahn, Ruby A., river highway for trade, the Savannah, 14153
- Railroad crossings, grade crossings on high-speed rail line between Washington, D.C., New York City, and Boston, Mass., eliminate, hearings, 13939
- Railroad employees, hours of service act of 1907, amend to reduce 16-hour maximum limitation for certain employees, 13910
- Railroad Retirement Board:
 - report, 1968—
 - departmental edition, 14823
 - document edition, 13855
- Railroads, grade crossings on high-speed rail line between Washington, D.C., New York City, and Boston, Mass., eliminate hearings, 13939
- Ralls (birds):
 - king rail, natural history, 14883
- Raleigh, Henry D., reactor safety, literature search, 13715
- Ramaswamy, Jayaram, magnetospheric duct propagation research using Alouette-2 top-side-sounder observations, 14612
- Ramey, James T.:
 - remarks—
 - July 28, 1969, 13722
 - Sept. 11, 1969, 13725
- Ranano, Romeo de la Torre, relief, 13836
- Ranchers, *see* Stockmen.
- Randhawa, Jagir S., relief, 13866
- Range lands:
 - Project Skywater, special park range cooperative experiment, 14827
 - range ecology and management, 14278
 - range environmental management, 14279
- Ranges (stoves), *see* Stoves.
- Rasch, Philip J.:
 - evaluation of physical training platoon, Officer Candidate School, Quantico, Va., 14506
 - reevaluation of physical fitness test, 14514
 - serum uric acid levels and leadership in Marine Corps, 14508
- Rats:
 - domestic, control, training guide, 14784
 - liver slices, lactic acid production, effects of pH, CO₂, and buffering systems, 13631
- Ratts, James C., mineral resources of Blue Range primitive area, Greenlee County, Ariz., and Catron County, N. Mex., 14328

- Rawlins, Edward W., relief, 13988
- Ray, Dorothy J., graphic arts of Alaskan Eskimo, 14402
- Reactions (chemical), *see* Chemical reactions.
- Reactor fuel elements, fuel-element fission product leakage at NASA Plum Brook Reactor, causes, measurement and elimination, 14622
- Reactor safety, *see* Safety of life.
- Reactors (atomic):
 - La Crosse boiling water reactor, hearings, 13847
 - LMFBR, liquid metal fast breeder reactor, 1000 MWe follow-on study, task reports, 13686-689, 13691
 - materials concerning Hallam, Elk River, Pathfinder, BONUS, and Piqua reactor projects, hearings, 13847
 - NASA Plum Brook Reactor, causes, measurement, and elimination of fuel-element fission product leakage, 14622
 - nuclear reactor facilities, summary of current seismic design practice, 13715
 - nuclear reactors built, being built or planned in U.S., 13716
 - radioactive pebble bed chemical reactor system, development, phase 2 report, 13703
 - reactor safety, literature search, 13715
 - sodium-cooled, performance evaluation of heat exchangers, 13721
- Reading, let's be practical about reading, 14137
- Reagents, inorganic salts and compounds, analyzed reagent and reagent grade, 14105
- Real estate:
 - minimum property standards, multifamily housing, 14206
 - real property, Defense Department, status report, 14115
 - see also* Farms.
- Real property, *see* Real estate.
- Realigning regional boundaries of certain Federal agencies, 13931
- Reclamation Bureau:
 - employees, relief, 13874
 - equal opportunity, affirmative program of manpower utilization, 14832
 - research report, 14839
 - strain gages test programs, application, 14825
 - water resources research, coordination with Agricultural Research Bureau, report of meeting, 14830
- Reclamation of land, private and public ownership, differentiation, Federal laws, acreage limitation amendments, hearing, 14039
- Records, *see* Medical records—names of departments, etc.—also subjects.
- Recreation:
 - Alaska, and government policies, 14196
 - Pallades Reservoir, map, 14290
 - program leadership, suggested 2-year post high school curriculum, 14141
 - sites, faucets, 14260
- Recreational areas and demonstration projects, Kanikou National Forest, Priest Lake, recreation area, 14268
- Red Dane cattle, *see* Cattle.
- Red Poll cattle, *see* Cattle.
- Red-shift, *see* Cosmology.
- Redevelopment (city planning, etc.):
 - economic development districts authorized under provisions of Public works and economic development act of 1965, status, 14117
 - housing and urban development legislation of 1969, hearings, 13922, 14017
 - what is relocation all about, 14391
- Reemployment rights, *see* Veterans.
- Reentry vehicles, *see* Missiles—Spacecraft.

Registers:

- Army—
 departmental edition, 13678-681
 document edition, 13851-854
 Army Materiel Command, approved recurring reports, 13652
 Registration, *see* subjects.
 Regression (statistics):
 nonlinear regression problems, general computer program for solving, 14531
 Regulations, *see* subjects.
 Regulatory announcements, Sport Fisheries and Wildlife Bureau, 14884
 Rehabilitation for the disabled:
 disabled people, help through rehabilitation, 14846
 opportunity, help for the mentally retarded, 14848
 Reinforced plastics, *see* Plastics.
 Reinhold, R. O., White River Lakes, Ark. and Mo., climatic summaries of resort areas, 14158
 Religions, nondiscrimination in public and private employment, equal employment opportunity under Federal law, guide, 13785
 Relocation, *see* Plants (Industrial).
 Relocation (housing), *see* Redevelopment (city planning, etc.).
 Remedial reading, *see* Reading.
 Renal diseases, *see* Kidneys
 Reorganization of Government activities, *see* Government reorganization plans.
 Repairing, *see* subjects.
 Repas, David S., performance characteristics of 14.3-kilovolt-ampere modified Lundell alternator for 1200 Hertz Brayton-cycle space-power system, 14643
 Reports, uniform system for all modes of transportation in reporting incidents and accidents involving shipment of hazardous materials, 14721
see also names of departments, etc., issuing reports.
 Reproduction, and development, film guide, 14687
 Reptiles, of public health significance, pictorial keys, 14799
 Research:
 research and development, congressional concern, bibliography, 14035
see also names of departments, etc., doing research—*also* subjects.
 Research and development reports, Atomic Energy Commission, 13685-721
 Research notes, Forest Service, 14281-288
 Research papers, Forest Service, 14289-291
 Research reports:
 Air University, abstracts, 13617
 Children's Bureau, 13778
 Reclamation Bureau, 14889
 Reserve Officers Training Corps, Army, program, where the leaders are, 13682
 Reservoirs:
 on Bureau of Reclamation projects, statistical compilation, 14842
 stratified, mechanics of flow, in interest of water quality, 14156
 Resistance, *see* Electric resistance.
 Resolutions, *see* Law.
 Resort areas, climatic summaries, 14158
 Resource publications (series), 14885
 Resources, *see* Natural resources.
 Resources analysis memo, 14695
 Responses (psychology):
 perspectives on human deprivation, biological, psychological, and sociological influences, 14683
 sixty-minute vigilance task with 100 scoreable responses, 14501
 Rest area use study manual, 14819
 Rester, D. H., experimental study of electron transmission and bremsstrahlung production, 14572

- Retail trade, census of business, area statistics, 13733-753
see also names of commodities and industries.
 Retirement, *see* Armed Forces—Civil service pensions.
 Reunion, plant quarantine import requirements, 13552
 Revenue, Federal revenue sharing with States, message from the President, 13863
see also names of articles, etc., from which revenue is derived.
 Revenue Commissioner, letters of Tench Cox, 1794-96, on procurement of military, naval, and Indian supplies, pamphlet to accompany microcopy, 14657
 Revenue stamps, use of illustrations and motion-picture films and slides, 14851
 Rewards (prizes, etc.):
 associate degrees and other formal awards below baccalaureate in higher education, 14129
 suggestion award portion of incentive awards program, management, Army Dept., GAO report, 14320
 Reynolds, Hudson G., aspen grove use by deer, elk, and cattle in southwestern coniferous forests, 14281
 RH factor, *see* Blood.
 Rhoads, William A., ecological and environmental effects from local fallout from Cigarito, 13707
 Rich, Edward P., landmarks in science, great rare books from USMA library collection, 14520
 Richmond, Va., area wage survey, 14452
 Rickus, George M., jr., development of aviation combat criterion, preliminary report, 14502
 Rights (civil), *see* Civil rights.
 Rights-of-way, *see* Roads and highways.
 Rincon, N. Mex., ground water in Rincon Valley, shallow quality, 14354
 Riots:
 campus disorders, extent of subversion, hearings, 14049
 campus riots and disorders, Oct. 1967-May 1969, staff study, 14037
 civil and criminal disorders, investigation, hearings, 14036
 colleges and universities, student disturbances act of 1969, hearing, 14051
 River boats, *see* Steamships.
 Rivers:
 discharge of streams and water quality, Lehigh River basin, Pa., 14374
 variations in low-water streambed elevations at selected stream-gaging stations in northwestern California, 14373
 Roads and highways:
 balanced freeway design (paper), 14813
 Federal aid highway and highway safety programs, hearings, 13939
 highway beautification act of 1965 as amended, hearings, 13939
 highway planning technical report, 14814
 highway safety act of 1966, programs implementing requirements, review, oversight hearings, 14060
 highway safety literature, compilation, 14681
 highways and their environmental considerations, literature references, 14815
 highways, new developments in design, etc., newbriefs, 14816
 legislation, 1969, hearings, 13939
 national forest development road system, traffic regulation and law enforcement, 13602
 National System of Interstate and Defense Highways, route 52 in West Virginia, designate as part, hearings, 13939
 Navajo Indian Reservation road, construction and improvement, report, 14007
 rest area use study manual, 14819

INDEX

Roads and highways—Continued
 soil stabilization, engineering and design manual, 13661
 State and community highway safety funds for 1970, formula for apportionment, provide, oversight hearings, 14060
 structural systems in support of safety, 14821
 Tor-Shok reusable energy absorbing protective barrier, 14822
 Robbins, John R., Jr., soil survey, Perry County, Ind., 14878
 Robert A. Taft Water Research Center, report TWRC series, 14245
 Rock drilling, exploratory, tracer well construction and testing, and preliminary findings, Geological Survey tracer study, Amargosa Desert, Nye County, Nev., 14360
 Rock phosphates, demand in U.S., statistical analysis, 14529
 Rockets:
 hydrogen oxygen, effect on injection element radial distribution and chamber geometry on acoustic-mode instability, 14623
 liquid-rocket longitudinal oscillation (pogo), prevent by use of simplified analytical model in design of pump-inlet accumulators, 14638
 pitch of $\frac{1}{2}$ -scale model of 2- and 3-stage configuration, aerodynamic characteristics, 14626
 propulsion motor plume, estimating diameter of plasma, 14746
 unmanned, Federal aviation regulations, 14186
 Rockford, Ill., area wage survey, 14455
 Rocks, Precambrian clastic and pelitic, southwestern Colorado and northern New Mexico, gold investigations, 14332
 Rocky Mountain National Park, general information, 14715
 Rodenticides, act, administration deficiencies, hearings, 13930
 Rodents, rodent control, training guide (series), 14784
 Rogers, George W., Alaska-Northwest Canada economic activities, analysis of regional, political, and communications aspects of Alaska-Canada development relations, 14195
 Role of bottom-dwelling macrofauna in water pollution investigations, 14791
 Ronco, Frank:
 assimilation chamber for—
 measuring carbon dioxide exchange of tree seedlings in laboratory, 14286
 outdoor measurements of photosynthesis of tree seedlings, 14285
 Roofing, products, ball resistance, 14662
 Rose, Edwin, improved appearance of power transmission facilities, 14835
 Rosebud Reservation, Sioux Indian, tribal land, sale and exchange of isolated tracts, report, 13996
 Rosen, Rueben, relief, 13959
 Ross, William B., address, Aug. 19, 1969, 14382
 Ross Lake National Recreation Area, general information, 14712
 ROTC, *see* Reserve Officers Training Corps, Army.
 Rotors:
 full-scale rotor blade stopped in flight, aerodynamic and aeroelastic characteristics, 13676
 helicopter, method for analyzing aeroelastic stability in forward flight, 14568
 Rubber, reverted rubber friction, laboratory experiments, 14577
 Rules, *see* names of courts, commissions, etc., issuing rules—*also* subjects.
 Rules Committee, House:
 hearings, 13940
 reports, 13908-909

Rumania, Hungarians in Rumania, bibliographical list, 13860
 Runway marker lights, *see* Markers.
 Runways (aeronautics):
 grooved runways, general-aviation pilot reactions and opinions on, 14591
 runway traction (paper), 13647
 Rural communities:
 Farmers Home Administration strengthens them, 13600
 Grange and civil defense programs, 13782
 Rural Electrification Administration:
 bulletin inhibiting political activities by its borrowers and their employees, hearing, 13932
 report, 14850
 Rural families, *see* Families.
 Russell, J. Thomas, bibliography of military history, selected annotated listing of reference sources in U.S. Military Academy Library, 14519
 Rutaceae, *see* Oranges.

S

Sachs, Murray B., speech intelligibility in stationary multipath channel, 14515
 Sacramento River, net outflow from Sacramento-San Joaquin delta in Calif., feasibility study of use of acoustic velocity meter for measurement, 14372
 Safety at sea, *see* Safety of life.
 Safety of life:
 be safe, be seen, let's shed some light on pedestrian safety, 14781
 collisions of radar-equipped merchant ships, study and preventive recommendations, 14720
 development of safety movement, history, 14449
 electrical facilities safe practices handbook, Air Force pamphlet, 13615
 elements of safety program, occupational safety aid, 14450
 Federal aid and highway safety programs, hearings, 13939
 glovebox fire safety application—
 fire resistant glove materials, evaluation, 13720
 mechanical vacuum pumps, control and reduction of oil mists, 13719
 good housekeeping for successful safety program, occupational safety aid, 14446
 highway safety—
 act of 1966, programs implementing requirements, review, oversight hearings, 14060
 literature, compilation, 14681
 structural systems in support, 14821
 Labor Dept., training programs, occupational safety aid, OSA LS series, 14446-450
 maritime safety data for shipyards, 14443-445
 mine safety, coal miners, improve working conditions, hearings, 14053
 offsite safety programs for underground nuclear detonations, technical discussions, 13699
 passenger vessels, disclosure of construction details, eliminate, hearing, 13934
 reactor safety, literature search, 13715
 safe lifting, 14447
 State and community highway safety funds for 1970, formula for apportionment, provide, oversight hearings, 14060
 supervisory responsibility for safety, 14448
 Tor-Shok reusable energy absorbing protective barrier, 14822
 Sailing directions:
 Africa, southwest coast, 14728
 British Columbia, change, 14726
 Nova Scotia, change, 14727
 Salmiri sciureus, *see* Minksy.

- St. Louis, Mo.:
 aircraft accident, 14717
 community action program, effectiveness and administration, GAO report, 14307
 data tabulations and summaries 1964, continuous air monitoring project, National Air Surveillance Networks, 14787
 St. Louis County, Mo., community action program, effectiveness and administration, GAO report, 14307
- Salaries:
 employee compensation, 1966, in private nonfarm economy, 14458
 Federal agencies, principles and procedures, GAO guidance manual, 14302
 Federal classified and postal employees, increases, 13938
 Federal employees pay comparability system act of 1969, summary and text of bill, 13937
see also Wages.
- Saline water, *see* Water.
- Salmon, adult pink, transplanting to Sashin Creek, Baranof Island, Alaska, and survival of their progeny, 13822
- Salt, minerals yearbook chapter, 14560
- Salts:
 inorganic, and compounds, analyzed reagent and reagent grade, 14105
 molten—
 electrochemistry, Gibbs free energies and excess free energies from equilibrium-type cells, 14666
 surface tension data of single melts, 14666
- Sampling, *see* names of substances or objects sampled.
- Sanano, Julietta de la Torre, relief, 13836
- San Antonio River and Valley:
 Calaveras Creek, Tex., compilation of hydrologic data of basin, 14338
 Escondido Creek, Tex., compilation of hydrologic data of basin, 14339
- San Bernardino County, Calif., Barstow formation, Mud Hills, diagenesis of tuffs, 14351
- San Bernardino National Forest, public campgrounds, general information, 14277
- San Diego, Calif., test of 10,000 GPD reverse osmosis spiral module pilot plant, 14406
- Sandstone, Fox Hills sandstone, lower part, north-central South Dakota, foraminifera and stratigraphy, 14348
- Sanitation:
 poultry plants, federally inspected, enforcement of sanitary, facility, and moisture requirements, Consumer and Marketing Service, GAO report, 14315
 sanitary services, northern Illinois, occupational trends, 14466
- San Joaquin River, net outflow from Sacramento-San Joaquin delta in Calif., feasibility study of use of acoustic velocity meter for measurement, 14372
- San Juan, Colo., primitive area, mineral resources, 14329
- Saroff, Jerome R., Alaska recreation and government policies, 14196
- Sashin Creek, transplanting adult pink salmon and survival of their progeny, Baranof Island, Alaska, 13822
- Satellites:
 Alouette-2 topside-sounder observations, magnetospheric duct propagation research, 14612
 artificial earth satellites, observations, 14857
 class of partially flexible spinning satellites, attitude stability, 14606
 communication, evolutionary process, international applications (address), 14937
 natural, or ejected probes, method of deriving orbital perturbing parameters from onboard optical measurements, 14584
- Savannah River:
 highway for trade, steamboats, canoes, etc., operating during 19th century, 14153
 water quality studies, Federal-State-industry cooperative, report, 14804
 Savings accounts, *see* Banks and banking.
- Sawflies, *see* Flies.
- Scales (measures):
 photo scale and orientation, effect of disparity on change detection, 13666
- Scales (weighing instruments):
 weighing and measuring devices, specifications, etc., replacement pages, 14663
- Scaling (psychology), *see* Psycho metrics.
- Schaal, Lawrence A., climates of States, Illinois, 14160
- Schmalz, Bruce L., injection of gas into lithosphere at National Reactor Testing Station, 13696
- Scholarships, health professions program, career information, 14689
- School buildings, federally affected areas, construction assistance, 1968 annual report, 14127-128
- School children, *see* Children.
- School lunches, child nutrition and school food assistance, hearings, 14058
- School of Aerospace Medicine:
 aeromedical reviews, 13627
 technical reports, 13628-633
- Schools:
 American, 1970-71 foreign curriculum consultant program, 14135
 children from the Deep South, a cry for help, 14120
 European area school system for overseas dependents, Defense Dept., GAO report, 14323
 federally affected areas, operation assistance, 1968 annual report, 14127-128
 making it, stay ahead, stay in school, 14773
 naval air training, optimal weighting of course grades, 14500
 prelude to school, evaluation of inner city preschool program, 13778
- Schroeder, Harold J., bismuth, 14524
- Schubert, Gilbert H., here's how, guide to tree planting in Southwest, 14291
- Schumaker, Richard L., relief, 13875
- Science:
 ESSA Research Laboratories publications, list, 14177
 Institutes for Environmental Research publications, list, 14173
 landmarks, great rare books from USMA library collection, 14520
 significant accomplishments in science, 1968, Goddard Space Flight Center, proceedings of symposium, 14598
 technology and the citizen (remarks), 13723
- Science and Astronautics Committee, House, committee print, 13941
- Scientific apparatus and instruments, import trends, 1958-67, analysis, 13731
- Scientific research, careers, Agricultural Research Service, 13595
- Scientists:
 America's, characteristics, 1960 and 1962 postcensal survey, 13775
 job market, 14146
 scientists from other countries, international training opportunities provided by U.S. Geological Survey, 14341
- SCLC, *see* Southern Christian Leadership Conference.
- Scola, Francis P., self-preparation stannous fluoride prophylactic technique in preventive dentistry, 14516
- Scott, Glenn R., general and engineering geology of northern part of Pueblo, Colo., 14330

INDEX

- Scripps Institution of Oceanography, La Jolla, Calif., digital data logger STD tapes, processing, 13823
- Scupper drain attachments to vessels in dry-dock, 14444
- SDL, *see* Space Disturbances Laboratory.
- Sea, *see* Ocean.
- Sea water:
- continuous counter-current ion exchange removal of calcium to prevent scaling of distillation equipment, errata, 14403
 - conversion, Wrightville Beach Test Facility, 14408
 - desalination, analytical procedures, report, 14404
 - desalted water for irrigation, value, study, 14843
 - large prototype desalting plant in Israel, U.S. participation in development, hearings, 13928
 - measurement of fluoride activity and concentration, using lanthanum fluoride electrode, 14753
 - sixteen years' exposure of structural ferrous metals in tropical environments, 14744
 - steel piling in seawater, corrosion and protection, 14149
- Seaborg, Glenn T., remarks, Sept. 17, 1969, 13723
- Sealab Project, *see* Project Sealab (man-in-the-sea program).
- Sealing, viscous, isothermal compressible flow across sealing dam with small tilt angle, computer program, 14621
- Seals and glands:
- isothermal compressible flow across rotating sealing dam, analysis, 14614
 - lubricated lip seal designs at peripheral velocity of 120 feet per second, torque and leakage rates, 14647
- Seasonal labor, migrant and seasonal farmworkers program in Phoenix, Ariz., effectiveness and administration, GAO report, 14309
- Seawater, *see* Sea water.
- Secondary education, elementary and secondary education act, program guides, nos. 44 and 45-A, 14144
- Secretary of Senate, *see* Senate.
- Securities:
- foreign, interest equalization tax act, extend, hearing, 14025
 - United States and foreign, use of illustrations and motion-picture films, and slides, 14851
- Security, *see* National security.
- Sedimentation and deposition:
- sedimentation activities, 1967, notes, 14151
 - submarine sediment investigation in vicinity of planned Sealab III habitat, 14725
- Seedlings:
- tree, assimilation chamber for—measuring in laboratory, carbon dioxide exchange, 14286
 - outdoor measurements of photosynthesis, 14285
- Seeds, Federal seed act, amend, hearing, 13913
- Seeds-kadee National Wildlife Refuge, master plan, backup volume, 14886
- Seepage, asphaltic membranes for water seepage control, 14826
- Segal, Dorothy B., index-catalogue of medical and veterinary zoology, 13542-544
- Seismology:
- current seismic design practice for nuclear reactor facilities, summary, 13718
 - seismic intensity data used to predict effects of earthquakes and underground nuclear explosions in various geologic settings, 14333
 - seismic interference and reciprocity for HE row charge, Project Dugout, 13705
- Selective Service System, semiannual report, 14852
- Self-preparation stannous fluoride prophylactic in preventive dentistry, 14516
- Sells, S. B., definition and measurement of mental health, 14786
- Semiconductors, devices standards, lists, 14101
- Senate, Secretary, report, 13948
- Senate documents, 13948-949
- Senate reports:
- private bills, 13950-989
 - public bills, 13990-14010
- Sensitivity, function of bias and geometry, in microwave photodiodes, 14754
- Sensory deprivation, perspectives on human deprivation, biological, psychological, and sociological influences, 14693
- Separators, test of combustor and ash separators for open-cycle plant, Mines Bureau coal-fired gas turbine research project, 14558
- see also* Magnetic separators.
- Serial set (congressional), 13830-833
- Serology, fluorescent antibody and associated findings in treating TRIC Agent urethritis, report, 14517
- Serum and serumtherapy:
- serum enzyme changes after physical exertion, 14504
 - uric acid levels and leadership in Marine Corps, 14508
- Service trades, census of business, 1963, area statistics, 13756-757
- Servicemen, *see* Armed Forces—Mechanics (persons).
- Servo systems, *see* Servomechanisms.
- Servomechanisms, fast response (150 to 200 Hz) electrohydraulic servos dynamic performance limitations, analysis, 14633
- Sewage, water and waste disposal loans to associations, provide flexible interest rates, hearing, 13911
- Sextants, sighting performance, effects of differing amounts of training and of monochromatic targets, 14605
- Shale, Pierre shale, upper part, north-central South Dakota, foraminifers and stratigraphy, 14348
- Shanklin, Edward H., spinning performance and yarn quality as affected by lint color and trash in field-exposed cotton, 1966-67 crop year, 13594
- Sheep:
- common liver fluke, general information, 13593
 - housing and equipment, 13586
- Shekarchi, E., mineral industry of Sierra Leone, 14542
- Shellfish, Maine landings, 13814
- Shells (aircraft):
- applicability of Southwell plot to interpretation of test data from instability studies of shell bodies, 13674
 - unreinforced circular cylindrical, in axial compression, effect of test machine extensional rigidity on initial buckling load for, 13670
- Shells (structural):
- sandwich and ring-stiffened 120 degree conical, subjected to external pressure, structural optimization, 14589
- Shelter belts, North Dakota, major insect pests, distribution and abundance by climate and hostage, 14289
- Shelters, *see* Housing.
- Shepard, Maurice C., nongonococcal urethritis associated with T strains of mycoplasma, 14511
- Sheppard, Richard A., diagenesis of tuffs in Barstow formation, Mud Hills, San Bernardino County, Calif., 14351
- Sherkey, Lester E., soil survey, McPherson County, Nebr., 14876
- Sherman, Windsor L., red-shift-magnitude relation and observational data, 14640

Shielding, transport of gamma rays through slab shields, experimental and theoretical studies, 13692

Ship Structure Committee, serial no. SSC, 14854

Shipbuilding, flame straightening, effect on base metal properties 14654

Shipments, defense-oriented industries, current industrial reports, 13762
see also names of articles shipped.

Shippers, unordered merchandise, shipper's obligations and consumer's rights, 14238

Shipping, see Transportation.

Ships:

containerships under construction and on order (including conversions) in United States and foreign shipyards—
June 30, 1968, list, 14485
Dec. 31, 1968, list, 14486

flag containerships and flag ships with partial capacities for containers and/or vehicles, U.S. list, 14493-494

loan, extension, agreement with Spain, 14911

oceangoing merchant ships, of 1,000 tons and over—

foreign flag type owned by United States parent companies, Dec. 31, 1967, list, 14489-490

lost and scrapped during 1968, list, 14491-492

partners in the future, ships and ports (remarks), 14488

passenger lists of vessels arriving at—
Boston, 1848-91, index, pamphlet to accompany microcopy, 14659

New Orleans, 1820-1902, pamphlet to accompany microcopy, 14655

passenger vessel legislation, hearing, 13934

passenger vessels safety standards, disclosure of construction details, eliminate, hearing, 13934

radar-equipped merchant ships, collisions, study, and preventive recommendations, 14720

scupper drain attachments to vessels in drydock, maritime safety data, 14444
see also Shipbuilding—Steamships.

Ships (construction), see Shipbuilding.

Shipyards:

fire and explosion hazards, 14445

safety data, maritime, 14443-445

Shock (mechanical):

standoff distances and supersonic aerodynamic characteristics for large-angle cones with and without cylindrical afterbodies, 14613

Shock tubes, experiments on snow, 13653

Shultz, George F., address, Aug. 19, 1969, 14438

Sierra Leone:

economic trends and their implications for United States, 14421

mineral industry, minerals yearbook chapter, 14542

Sights (ordnance):

sexant sighting performance and effects of differing amounts of training and of monochromatic targets, 14605

Silicon, electron detectors, tables of response functions, 14673

Silvani, Sonia S., relief, 13889

Silver, single crystals, dislocation pipe diffusion, 14745

Simmons, Samuel J., address, Aug. 18, 1969, 14384

Simulation, expanding storable-propellant products simulated by combustion of gaseous reactants, experimental measurements, 14642

Simulators:

fixed-base pilot rating surveys for predicting lateral directional handling qualities and pilot rating variability, 14615

Simulators—Continued

six-degrees-of-freedom motion simulator for VTOL hovering tasks, 14630

space environment simulator, infrared spectral irradiance measurements, errata, 14604

Sioux Indians:

Cheyenne River Tribe, lands, hold in trust, report, 14005

Rosebud Tribe, sale and exchange of tracts of isolated land, report, 13996

Standing Rock tribe, lands, hold in trust, report, 13998

Stress, see Bulls.

Slaco, H. G., records of observation wells and water-level fluctuations in Aberdeen-Springfield area, Bingham and Power Counties, Idaho, 14355

Sites, embassy, agreement with Union of Soviet Socialist Republics, 14907

Skid resistance studies by Bureau of Public Roads, 14820

Skin, percutaneous introduction of cardiac catheters, simple method, 14497

Skywater project, see Project Skywater (atmospheric water resources program).

Slabs, transport of gamma rays through slab shields, experimental and theoretical studies, 13692

Slag, slag-iron and steel, minerals yearbook chapter, 14561

Slaughtering, beef on farm, 13585

Slip laws, see Law.

Slurries, materials handling research, hydraulic transportation of coarse solids, 14549

Small business, see Business.

Small Business Administration:

impact of crime on small business, hearings, 14062

legislation for 1969, report, 13994

loan guarantees, clarify authorization, report, 13993

Small Business, Select Committee on, House, committee print, 13942

Small Business, Select Committee on, Senate, hearings, 14092

Smallfry smiles, guide for teaching dental health in community care programs, 14696

SMI (supplementary medical insurance), see Health insurance.

Smilko, Anthony, relief, 13843, 13984

Smith, Aaron, studies on effectiveness of antidepressant drugs, 14801

Smith, Carl B., let's be practical about reading, 14137

Smith, Dixie R., in vitro digestibility of alpine forages in Wyoming, 14288

Smith, J. B. and wife, sand and gravel conveyance, 13975

Smith, James L., shock tube experiments on snow, 13653

Smith, S. H., study of hydrogen evolution during aqueous oxidation of mild steel, 14750

Smith, Strether, capacitive measurement system for nondestructive testing of fiber glass reinforced plastic laminates, 13671

Smith, William L., improvement of clear column radiance determination with supplementary 3.5u window channel, 14163

Smith, Winchell, feasibility study of use of acoustic velocity meter for measurement of net outflow from Sacramento-San Joaquin delta in Calif., 14372

Smithsonian Institution:

contributions to—
paleobiology, 14859

zoology, 14860

Smoking, smoker's self-testing kit, tests and interpretation of test scores, 14807

Snails, military importance of Mediterranean snail complex, conference proceedings, 14509

Snake River and Valley, fish passage report, Ice Harbor Dam, 14148

INDEX

- Snakes, envenomation, cryotherapy treatment, 14507
- Snipes, hunting, possession, transportation, and/or importation, 1969-70, in United States, etc., Federal regulations governing, 14884
- Snitko, Joseph A., relief, 13962
- Snoqualmie National Forest, 1968 report, 14292
- Snow :
shock tube experiments on snow, 13653
on ground, classification outline, 14290
- Sobln, Irving M., Chemical Co., Inc., relief, 13905
- Sobln, Irving M., Co. Inc. relief, 13905
- Social security, social security for the aged, international, perspectives, working paper prepared for hearing, 14013
- Social Security Administration, actuarial notes, 14861-863
- Social service, *see* Social work and problems.
- Social work and problems :
biological, psychological, and sociological perspectives on human deprivation, 14693
social services, statistical report, 14676
- Socio-economic projections for subregions of Northeast Corridor, title, 14945
- Sociologists, supply and demand in educational institutions and other settings, 14808
- Sodium :
cooled reactors performance evaluation of heat exchangers, 13721
liquid, of high oxide content, solubility of nickel, 14751
- Soft drinks, mixes, effect on germicidal properties of iodine tablets, 14510
- Softwoods, plywood, construction and industrial, standard of trade, 14668-669
- Soil conservation :
districts, status of organization, by States, etc., 14872
Texas, 14873
- Soil Conservation Service :
engineers in SCS, 13596
technical releases, 14880
- Soils :
Idaho's soil surveys, soils and people, what they can do for you, 14866
soil survey reports—
Gallatin County, Ill., 14874
Lake County, Tenn., 14875
McPherson County, Nebr., 14876
Montgomery County, Ill., 14877
Perry County, Ind., 14878
Plymouth County, Mass., 14879
sprinkler irrigation, soils, climate, and land classification, 14841
resource planning in Wyoming, how soil surveys help, 14871
soil as an engineering material, 14839
stabilization for roads and streets, engineering and design manual, 13661
- Sokitch, Miloye M., relief, 13879
- Solar cycles, fBEs for solar cycle minimum, numerical maps, 14167
- Solid propellants, *see* Propellants.
- Solid wastes, *see* Waste products.
- Solids, solid reductants, metallization of iron ores, 14554
- Solubility, nickel in liquid sodium of high oxide content, 14751
- Solutes, movement in Potomac River estuary at Washington, D.C., at low inflow conditions, 14337
- Sommerfeld, R. A., classification outline for snow on ground, 14290
- Soriano, Frank S., records of Dept. of State on political relations between U.S. and Persia, and between Persia and other States, 14661
- Soule, William G., effects of pH, CO₂ and buffering systems on lactic acid production in rat liver slices, 13631
- Sound :
BCF acoustical workshop, proceedings, 13821
coupled acousto-mechanical systems, transient response, 14538
speech intelligibility in stationary multipath channel, 14515
ultrasonically formed emulsions, laboratory oil recovery tests with, 14559
- South Asia, *see* Asia.
- South Atlantic States, *see* Atlantic States.
- South Carolina :
Agricultural Stabilization and Conservation Service, annual congressional district summary—
1st Congressional District, 13577
2d Congressional District, 13578
3d Congressional District, 13579
4th Congressional District, 13580
5th Congressional District, 13581
6th Congressional District, 13582
uranium reconnaissance, preliminary, 13713
- South Dakota :
National Park Service, South Dakota Governor's book, 14711
Pacific Southwest, land and water resources, comprehensive framework study program, 14764
north-central, foraminifera and stratigraphy of upper part of Pierre Shale and lower part of Fox Hills sandstone, 14348
- Southeast Asia, *see* Asia.
- Southern Christian Leadership Conference, testimony, nutrition and human needs, hearings, 14058
- Southern Utah Valley, selected hydrologic data, 14361
- Southwell, C. R., corrosion of metals in tropical environments, structural ferrous metals, 10 years' exposure to sea and fresh water, 14744
- Southwest (U.S.) :
coniferous forests, aspen grove use by deer, elk, and cattle, 14281
here's how, guide to tree planting, 14291
- Soviet Union, *see* Union of Soviet Socialist Republics.
- SP series, *see* MA SP series—National Aeronautics and Space Administration SP series.
- Space, *see* Outer space.
- Space capsules, *see* Spacecraft.
- Space Disturbances Laboratory, ESSA technical report, ERL-SDL series, 14170
- Space environment, *see* Environment.
- Space flight, *see* Astronautics.
- Space missions :
manned earth orbiting missions, biotechnology laboratory for study—
results, recommendations and requirements, 14580
summary of individual experiments, requirements, 14581
- Spacecraft :
aerospace, turbulent wind field below 150M altitude at Eastern Test Range, investigation, 14582
Apollo—First manned lunar landing, color prints, 14593
Apollo—Man on the moon, color print, 14594
launch vehicles—
computing program for axial distribution of aerodynamic normal-force characteristics, errata, 14602
longitudinal mass-spring modeling, 14629
Mars entry capsule, evaluation of configuration changes on optimum structural designs, 14535

Spacecraft—Continued

NASA space art—Eyewitness to space, color prints, 14592
reentry vehicles, aerodynamic effects of bulbous bases, 14569

Spain:

economic cooperation, agreement, 14909
loan of vessels, extension, agreement, 14911
tracking station, extension, agreement, 14916

use of military facilities, agreement, 14910
Spangler, B. D., failure of floor tile systems, investigation, 14204

Spanish Sahara, *see* Spanish West Africa.
Spanish-United States Economic Committee, establish, agreement, 14909

Spanish War Veterans, *see* United Spanish War Veterans.

Spanish West Africa, gazetteer, official standard names, 14326

Specifications, *see* Government supplies—also names of departments, etc., issuing specifications.

Spectacles, industrial, military standard, 14110

Spectra:

infrared spectral irradiance measurements in space environment simulator, errata, 14604

speech intelligibility, effects of spectrum sampling on, 13667

Spectral analysis, prototype study, 14840

Spectrometry, mass, residual gas analysis during vacuum melting, 14556

Spectrum, *see* Spectra.

Speech:

intelligibility—
effects of spectrum sampling on, 13667
in stationary multipath channel, 14515
naval aviator's speech discrimination test, relationship to pure tone audiogram, 14498

Spheres, hollow, optimum packing, in buoyancy materials, 14752

Spheroids, tables of eigenvalues of wave equation in prolate spheroidal coordinates, 14743

Spicules, chromospheric, observations in H and He I 3888.65 Å lines, 14858

Spinning, performance and yarn quality as affected by lint color and trash in field-exposed cotton, 1966-67 crop year, 13594

Spirit Lake, Gifford Pinchot National Forest, general information, 14271

Sporadic E, *see* Ionosphere.

Sport fisheries, *see* Fish and fisheries.

Sport Fisheries and Wildlife Bureau:

regulatory announcements, 14884

resource publication (series), 14885

special scientific reports, wildlife series, 14887

Springfield, Idaho, records of observation wells and water level fluctuations, 14355

Sprinkler irrigation, *see* Irrigation.

Spruce, fir timber, response of deer to alternate-strip clearcutting in Colorado, 14284

Squirrel monkey, *see* Monkeys.

Stability:

acoustic-mode instability in hydrogen oxygen rocket, effect of injection element radial distribution and chamber geometry, 14623

mechanisms with elastic couplings, 14650

solid-propellant combustion instability and role of velocity coupling, 14639

stability of Edwards personal preference schedule, need scale scores and profiles over 7-week interval, 14495

Stability of aircraft:

aeroelastic, helicopter rotor in forward flight, method for analyzing, 14568

applicability of Southwell plot to interpretation of test data from instability studies of shell bodies, 13674

Stability of aircraft—Continued

lateral-directional stability characteristics of twin-jet fighter airplane at high angles of attack, analysis, 14616

static and dynamic stability derivatives of jet transport model equipped with external-flow jet-augmented flaps, 14646

V/STOL, ducted-propeller model at high duct incidence, quad configuration, longitudinal stability characteristics, 13669

Stability of spacecraft, attitude stability of class of partially flexible spinning satellites, 14606

Stallings, Robert L., Jr., experimental pressure distributions for family of blunt bodies at Mach numbers from 2.49 to 4.63 and angles of attack from 0° to 15°, 14637

Standard time, *see* Time.

Standards and standardization:

Defense Department—

cataloging and standardization program, semiannual report, 13919

specifications and standards, index, 14096-97

standardization documents, supply classification listing, 14094

Federal standards, 14236-237

guide, 14325

policy program (address), 13805

gravity measurements and standards laboratory, 14675

military standards, 14099-112

product standard PS (series), 14668-669

see also subjects.

Standing Rock Reservation, lands, hold in trust, report, 13998

Standing Rock Sioux Tribe, North Dakota, *see* Sioux Indians.

Stannett, V. T., radiation-induced polymerization and copolymerization of unusual monomers, 13717

Stannous fluoride, self-preparation stannous fluoride prophylactic technique in preventive dentistry, report, 14514

Stans, Maurice H., remarks, Sept. 10, 1969, 13808

Staples, J. Clay, paper, June 17, 1969, 13645

Star-Spangled Banner, writing and history of America's national anthem, 14704

Starbird, I. R., cost of producing upland cotton in United States, supplement, 14123

State bonds, tax treatment, tax reform, press releases announcing tentative decisions, 13945

State Department:

background notes, 14890-903

diplomatic and consular instructions, 1791-1801, pamphlet to accompany microcopy, 14655

Hiving quarters allowances, 14480

records relating to political relations with Persia, pamphlet to accompany microcopy, 14661

States:

actions to recover delinquent State taxes in District of Columbia on reciprocal basis, authorize, 14009

climates, 14159-162

departments of education, 1970-71 foreign curriculum consultant program, 14135

Federal revenue sharing, message from the President, 13863

Federal-State-Industry cooperative, Savannah River water quality studies, report, 14804

laws enacted in 1968 of interest to Department of Housing and Urban Development, 14397

mental hospitals, patients, 1967, list, 14796

private and public ownership of lands, differentiation, Federal reclamation laws, acreage limitation amendments, hearing, 14039

soil and water conservation districts, status of organization, etc.,

INDEX

States—Continued

travel information offices in U.S.A., list, 14957
 Static stability, *see* Stability of aircraft.
 Statistical abstract of United States: departmental edition, 13774
 document edition, 13856
 Statistical publications, *see* names of departments, etc., issuing publications.
 Statistics, metropolitan area, 13773
see also subjects.
 Statutes, *see* Law.
 Steam power plants, fish and fishing around TVA steam plants, 14942
 Steamships, steamers, barges, etc., operating on Savannah River during 19th century, 14153
 Steel:
 falem straightening and its effect on base metal properties, 14854
 foundries, industry wage survey, 14457
 mild, study of hydrogen evolution during aqueous oxidation, 14750
 piling in seawater, corrosion and protection of, 14149
 slag-iron and steel, minerals yearbook chapter, 14561
 Step Test of motivation to excel, 14518
 Stephenson, Judith J., computer routine for synthesizing ground backscatter from three-dimensional raysets, 14165
 Stepladders, Federal standard, 14236
 Steubenville, Ohio, air quality control region, report for consultation, 14803
 Stevens, T. A., mineral resources of San Juan primitive area, Colo., 14329
 Stevens County, Wash., Colville River basin, streamflow characteristics, 14336
 Stiffeners (aircraft):
 titanium skin-stringer panels, influence of various fabrication methods on compressive strength, 14634
 Stiles, Newell T., submarine sediment investigation in vicinity of planned Sealab III habitat, 14725
 Stipends, fellowships and summer stipends for younger humanists, 14678
 Stochl, Robert J., gaseous-hydrogen pressurant requirements for discharge of liquid hydrogen from 3.96-meter-(13-ft.) diameter spherical tank, 14632
 Stock rooms, northern Illinois, occupational trends, 14466
 Stockmen, low-income ranchers, FHA insured operating loans, provide, hearing, 14014
 Stockrooms, *see* Stock rooms.
 Stocks, restricted plans, tax reform, press releases announcing tentative decisions, 13945
 Stockyards, packers and stockyards act, what it is, how it operates, 13597
 Stokes, C. S., development of barium chemical release system, 14586
 STOL (short takeoff and landing), *see* Aircraft.
 Storage batteries, battery life and moisture penetration of subdermally implanted devices, 13633
 Stores, variety, bibliography, 14856
 Storms:
 coastal warning facilities chart—Canadian border to Eureka, Calif. and Alaska, 14963
 Eastport, Maine to Montauk Point, N.Y., 14964
 Eureka to Point Conception, Calif., 14965
 Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 14966
 warning facilities chart, Hawaiian waters, 14967
 Stoves, ranges, electric, gas and oil burning, Federal item identification guide, change, 14092
 Strain gages, Reclamation Bureau test programs, application, 14825

Strains and stresses:

effect of test machine extensional rigidity on initial buckling load for unreinforced circular cylindrical shells in axial compression, 13670
 fatigue-crack growth in 7075-T6 and 2024-T3 aluminum alloy specimens, effect of stress ratio, 14635
 tensile and stress-rupture properties of rolled Pb-Cd-Sb alloys, 14550
 thermal fatigue cracking and oxidation of nickel- and cobalt-base alloys in high velocity gas stream, 14624
 use of small and large displacement data from essentially elastic buckling tests on columns and plates to correlate theory and experiment, 13673
 Strategic and foreign policy implications of ABM systems, 14031
 Stratigraphy, Pierre shale, upper part, and Fox Hills sandstone, lower part, north-central South Dakota, 14348
 Streams, *see* Rivers.
 Streets, *see* Roads and highways.
 Strength of materials, compressive strength of titanium skin-stringer panels, influence of various fabrication methods, 14634
 Streptozotocin, *see* Antibiotics.
 Stresses, *see* Strains and stresses.
 Strimbeck, Donald C., Bureau of Mines coal-fired gas turbine research project, test of combustor and ash separators for open-cycle plants, 14555
 Stringers (aircraft), *see* Stiffeners (aircraft).
 Strippers (peeling devices): universal wire stripper, description, 14761
 Stroud, C. W., chemical equilibrium of ablation materials including condensed species, 14636
 Stroup, Robert H., rural income and expenditure, sample survey in Vietnam, initial report, 14425
 Student loan program, *see* Loans.
 Students:
 campus riots and disorders, Oct. 1967–May 1969, staff study, 14037
 Federal assistance programs, 1969–70 allocations of funds for educational purposes, 14052
 student disturbances act of 1969, hearing, 14051
 Students For a Democratic Society: activities—
 Georgetown University, investigation, hearings, 13933
 Kent State University, investigation, hearings, 13933
 Submarine boats:
 nuclear, fire-retardant paint systems for interiors, 14749
 sediment investigation in vicinity of planned Sealab III habitat, 14725
 Submarine warfare, strategic and foreign policy implications of ABM defense systems, hearings, 14031
 Submarines, *see* Submarine boats.
 Subsidiences (earth movements):
 ground-water withdrawal, Tulare-Wasco area, Calif., 14345
 studies of land subsidence (series), 14345
 Subversion, *see* Un-American activities.
 Suchenwirth, Richard:
 command and leadership in German Air Force, 13637
 development of German Air Force, 1919–39, 13636
 Sudak, R. G., test of 10,000 GPD reverse osmosis, spiral module, pilot plant, San Diego, Calif., 14406
 Suggestion systems, management of suggestion awards portion of incentive awards program, Army Dept., GAO report, 14320
 Suicide, and suicide prevention, bibliography, 14782

Sulfuric acid, 2-(1-decylamino) ethanethio-
sulfuric acid in dimethyl sulfoxide, radio-
protection of primates, 13628
Summer employment, *see* Employment.

Sun:
chromospheric spicules in Hs and He I
3885.65 Å lines, observations, 14858
observations made with 6-inch transit
circle 1956-62, correction to FK4, GC,
and N30, 14724
solar proton monitoring system, 14170
Supervisors, supervisory responsibility for
safety, 14448
Supplies, *see* Government supplies—Medical
supplies—Military supplies.
Supply and demand, phosphate rock, potash
and nitrogen, statistical analysis, 14529
Supreme Court, cases adjudged, Court of
Claims cases, 14073
Surface chemistry, plastics reinforced by
strong fibers, 14755
Surface water, *see* Water.
Surinam, background notes, 14902

Surplus property:
donable, program, hearings, 14032
Federal property and administrative serv-
ices act, amend, hearings, 14032
Surveyor Project, *see* Project Surveyor (un-
manned lunar exploration).
Surveys, *see* subjects of surveys.
Sutherland, Arthur A., Jr., design of strap-
down gyroscopes for dynamic environment,
Interim scientific report, 14575
Svejda, George J., history of Star Spangled
Banner from 1814 to the present, 14704
Swans, hunting, possession, transportation,
and/or importation, 1969-70, in United
States, etc., Federal regulations govern-
ing, 14884
Swanson, Howard E., standard X-ray diffrac-
tion powder patterns, 14665
Symbols, for packages and containers for
hazardous industrial chemicals and ma-
terials, military standard, 14108
Synthetic organic chemicals, *see* Organic
compounds.
System package program NS-SPP series,
14190
Systems, application of systems approach to
training, case study, 13793
Systems Research and Development Service,
scientific and technical reports, list, 14938

T

Tables (compilation), *see* Numerical calcula-
tions—technical, scientific and economic
subjects.
Tablets (medicine):
iodine, effect of soft drinks mixes on
germicidal properties of, 14510
Tabor, R. W., on batholiths and volcanos,
intrusion and eruption of late Cenozoic
magmas in Glacier Peak area, North Cas-
cades, Wash., 14347
Tacina, Robert R., analysis of total-pressure
loss and airflow distribution for annular
gas turbine combustors, 14631
Tactics, *see* Military art and science.
Taft, Robert A., Water Research Center, *see*
Robert A. Taft Water Research Center.
Tagged arithmetic, 14619
Tahoe National Forest, camping and pic-
nicking, 14253
Tailings (metallurgy), *see* Hydraulic mine
filling.
Taiwan, mineral industry, minerals yearbook
chapter, 14543
Talented children, *see* Children.
Tamanini, F. L., structural systems in sup-
port of highway safety, 14821
Tanks (combat vehicle):
Army tank program, review, hearings,
13920

Tanks (containers):
3.96-meter-(13 ft-) diameter spherical
tank, gaseous-hydrogen pressurant re-
quirements for discharge of liquid hy-
drogen, 14632
Tape, pressure sensitive adhesive, Federal
standard, 14237
see also Electronic data processing sys-
tems.
Tape (magnetic), *see* Magnetic tape.
Targets, monochromatic targets, effects of
differing amounts of training on sextant
sighting performance, 14605
Tariff:
antidumping, report of President of United
States, 14024
customs—
hints for returning U.S. residents, know
before you go, 14075
regulations, revised pages, 14076-077
foreign trade and tariff proposals hearings,
13944
summaries of trade and tariff information,
14939
Task variables, sixty-minute vigilance task
with 100 scoreable responses, 14501
Tate, D. R., gravity measurements and stand-
ards laboratory, 14675
Tax exemption, foundations and charitable
trusts, their impact on our economy,
13942
Taxation:
interest equalization tax, temporary ex-
tension, report, 1399
tax reform act of 1969—
development, etc. (remarks), 14950
revised summary list and brief descrip-
tion, 13946
statement of David M. Kennedy, Secre-
tary of Treasury, 14029
testimony, 14030
testimony and additional statements,
14027-28
tax reform subjects, press releases an-
nouncing tentative decisions, 13945
see also Excise taxes—Income tax.
Taxes, *see* Taxation.
Taylor, Hannibal B., relief, 13882
Taylor, Lawrence W., Jr., fixed-base simula-
tor pilot rating surveys for predicting
lateral-directional handling qualities and
pilot rating variability, 14615
Teaching:
academic freedom protective act of 1969,
hearing, 14051
conservation teaching aid (series), 14294
Teamwork, team interpretation procedures,
selection of teammates and role assign-
ment, 13664
Technical bulletins, Agriculture Department,
13608
Technical cooperation, *see* Foreign aid.
Technical instruments, import trends, 1958-
67, analysis, 1331
Technical manuals, Army Department,
13661-663
Technical memorandums:
Coastal Engineering Research Center,
14149
Environmental Science Services Adminis-
tration, 14163
Technical notes:
Environmental Technical Applications
Center, 13620
National Aeronautics and Space Adminis-
tration, 14002-649
National Bureau of Standards, 14672-675
Technical papers Census Bureau, 13775
Technical reports:
Air Weather Service, 13618
Army Aviation Materiel Laboratories,
13669-677
Civil Defense Office, 13783
Cold Regions Research and Engineering
Laboratory, 13653

INDEX

Technical reports—Continued

- Environmental Science Services Administration, 14164-171
- highway planning, 14814
- Natick Laboratories, 13657
- School of Aerospace Medicine, 13628-633
- Waterways Experiment Station, 14155-156
- Technical research notes, Behavioral Science Research Laboratory, 13664-667
- Technical research reports, Behavioral Science Research Laboratory, 13668
- Technical translations, National Aeronautics and Space Administration, 14650-652

Technicians:

- from other countries, intern-training opportunities provided by U.S. Geological Survey, 14341
- job market, 14146

Technology:

- ESSA research Laboratories publications, list, 14177
- Institutes for Environmental Research publications, list, 14173
- processes of assessment and choice, panel report, 13941
- science, technology and the citizen (remarks), 13723
- training systems and technology series, 13793
- see also subjects.

- Teeth, dental health in community care programs, smallfly smiles, guide for teaching, 14696

- Telemetry, NMFRL telemetry system, development, 2d report, 14513

Telephone:

- directories—
- Agriculture Department, 13609
- Atomic Energy Commission, 13724

- Television, can television really teach? 14130

Temperature:

- elevated, electrical resistivity of hyperstoichiometric columbium and zirconium carbide materials, 14553
- improvement of clear column radiance determination with supplementary 3.8u window channel, 14163
- thermal gradient effects on 13 flush mounted pressure transducers, 14674

Tennessee:

- census of business, 1967, retail trade, area statistics, 13750
- potential development of central Appalachia, preliminary analysis, 13650
- uranium reconnaissance, preliminary, 13712

- Tennessee Valley Authority, fish and fishing around TVA steam plants, 14942

- Tensile stresses, see Strains and stresses.

Terminals (transportation):

- air traffic control, change, 13643
- Territories, United States, territorial travel information offices, list, 14957

- Test equipment, see Testing apparatus.

- Test wells, see Well drilling.

- Testing, testing standard for personnel parachutes, military standard, 14102
- see also names of substances or objects tested.

- Testing apparatus, test machine extensional rigidity, effect on initial buckling load for unreinforced circular cylindrical shells in axial compression, 13670

- Tests, see Coordination test—also types or names of tests.

Texas:

- census of business, 1967, retail trade area statistics, 13751
- soil and water conservation, 14873
- west, Permian brachiopods, 14859

Textiles:

- our need is so great, our objective so reasonable, our resolve so determined (remarks), 13807

Textiles—Continued

- U.S. textile/apparel exports, foreign regulations affecting, 13726
- webbing, color codes, manufacturers' identification, military standard, 14111
- Thatcher, John W., slag-iron and steel, 14561
- Thermal expansion, see Expansion (thermal).
- Thermal gradients, see Temperature.
- Thermal properties, thermal fatigue cracking and oxidation of nickel- and cobalt-base alloys in high velocity gas stream, 14624

- Thermal radiation, heat transfer in black-body, electromagnetic theory, and material properties, errata, 14595

- Thermal shock, and cyclic heating, effects on hafnia stabilized with calcia, magnesia, and yttria, 14607

Thermionic converters:

- with chloride vapor deposited tungsten emitter (110) and nickel collector, characteristics, 14587
- with fluoride vapor deposited tungsten emitter etched to preferentially expose 110 crystal planes, characteristics, 14571

Theses, see Dissertations.

- Thinning of forests, see Forest thinning.

- This land, this water, this west, 14764

- Thomas, Rose, relief, 13878

- Three Affiliated Tribes of Berthold Reservation, see Fort Berthold Reservation.

- TIAS series, 14907-930

Ticks:

- cooperative tick eradication activities, report, 13553
- national tick surveillance program, 13545

Tides:

- current tables, 1970, Pacific Coast of North America and Asia, 13798
- tables, central and western Pacific Ocean and Indian Ocean, 13799

- Tiles, failure of floor tile systems, investigation, 14204

- Tilman, Milton M., tensile and stress-rupture properties of rolled Pb-Cd-Sb alloys, 14550

- Timon, Emogene, sand and gravel conveyance, 13972

- Timon, Wayne and wife, sand and gravel conveyance, 13974

- Timber, lodgepole pine and spruce-fir, in Colorado, response of deer to alternate-strip clearcutting, 14284

- Time, standard time and frequency, its generation, control, and dissemination from National Bureau of Standards Time and Frequency Division, 14672

- Time deposits, time and savings deposits, changes, 14226

- Titanium, titanium skin-stringer panels, influence of various fabrication methods on compressive strength, 14634

- Tobacco, revenue rulings, etc., internal revenue bulletin, cumulative index-digest supplement system, supp., 14414

- Tonto Springs Range, grazing values on undisturbed chaparral versus areas converted to grass, 14264

- Topside sounder, see Satellites.

- Tor-Shok reusable energy absorbing protective barrier, 14822

- Torque, torque and leakage rates of various lubricated lip seal designs at peripheral velocity of 120 feet per second, 14647

- Toward a national materials policy, report, 14061

- Toward a new fiscal federalism (remarks), 14953

- Toward equal opportunity in Federal employment, 13796

- Tracer studies, Amargosa Desert, Nye County, Nev., by Geological Survey, exploratory drilling, tracer well construction and testing, and preliminary findings, 14360

- Tracking stations, extension, agreement with Spain, 14916

OCTOBER 1969

Traction, runway traction (paper), 13647
 Trade, *see* Commerce.
 Trade expansion act of 1968, *see* Commercial treaties.
 Trade fairs, *see* Fairs.
 Traffic:
 bias in license plate traffic survey response evaluation, 14814
 regulation and law enforcement on national forest development road system, 13692
 see also Transportation.
 Trails, Cle Elum Ranger District, Wenatchee National Forest, trips, 14255
 Trainers (devices), *see* Training devices.
 Training:
 application of systems approach to training, case study, 13793
 electrical appliance serviceman, suggested guide, 14133
 enactments, 90th Congress, 2d session, 14055
 sextant sighting performance and effects of differing amounts of training and of monochromatic targets, 14605
 training systems and technology series, 13793
 see also subjects.
 Training devices, gas hazards trainer, maritime safety data, 14443
 Transducers, flush mounted pressure transducers, thermal gradient effects, 14674
 Transient response of coupled acousto-mechanical systems, 14588
 Transistors, transistor series amplifier, 14762
 Translations, technical, National Aeronautics and Space Administration, 14650-652
 Transmission lines, *see* Electric lines.
 Transmissions, study 190, Steering Committee report, 14409
 Transplantation (physiology):
 research advances in human transplantation, 14694
 Transport aircraft, *see* Aircraft.
 Transportation:
 airlift service management report, Military Airlift Command, 13625
 Army transportation movements management, 12656
 directory of urban transportation research and planning projects, 14394
 Federal regulation in Alaska, 14197
 inter-American, affected by regulatory problems (remarks), 14211
 Isthmian Canal demand forecast, economic analysis of potential tonnage traffic, 14944
 migratory birds, 1969-70, in United States, etc., Federal regulations governing, 14884
 modes of, study of uniform reporting system in reporting incidents and accidents involving shipment of hazardous materials, 14721
 moving expenses, tax, reform, press releases announcing tentative decisions, 13945
 regulatory problems affecting inter-American transportation (remarks), 14211
 Transylvania, Hungarians in Transylvania, bibliographical list, 13860
 Travel:
 Cle Elum trail trips, Wenatchee National Forest, 14255
 pleasure and business visitors to U.S. by port of entry and mode of travel, 14956
 State and territorial travel information offices in U.S.A., list, 14957
 Treasury Department, department circular, public debt series, 14946-948
 Treasury notes:
 6 1/2 percent, series B-1976, 14947
 6 1/2 percent, series B-1970, 14946
 7 1/2 percent, series B-1971, 14948
 Treaties, treaties and other international acts series, 14907-930

Tree nuts, *see* Nuts.
 Tree planting, in Southwest, here's how, 14291
 Trees:
 seedlings, assimilation chamber for measuring—
 carbon dioxide exchange, 14286
 outdoor photosynthesis, 14285
 Tribus Myron, address, Sept. 16, 1969, 13806
 Trinity River and Valley, hydrologic data of basin, compilation, Little Elm Creek, Tex., 14340
 Trips, *see* Travel.
 Tropics, corrosion of metals in tropical environments, 14744
 Trout, pond management, 14869
 Trucks, *see* Motortrucks.
 Trust Territory of Pacific Islands:
 claims against Japan, agreement, 14925
 High Commissioner, nomination of Edward E. Johnston, hearing, 14042
 Trusts and trustees:
 accumulation trusts including multiple trusts, tax reform press releases announcing tentative decisions, 13945
 legal investments for trust funds in District of Columbia, list, 14116
 see also Charitable trusts.
 Truth in lending, *see* Credit.
 Tsunami (tidal wave):
 Alaska, earthquake of Mar. 27, 1964, effects on various communities, 14346
 Crescent City Harbor, tsunami model, theoretic in design of proposed, 14155
 Tuba City, Ariz., chemical stabilization of uranium tailings, 14552
 Tuberculosis in animals, laboratory diagnosis, recommended standard procedures, 13540
 Tuck, Bradford H.:
 aggregate income model of semi-autonomous Alaskan economy, 14193
 selected economic indicators, 14198
 Tuff, *see* Volcanic ash, tuff, etc.
 Tulare-Wasco area, Calif., land subsidence due to ground-water withdrawal, 14346
 Tungsten:
 chloride vapor deposited tungsten emitter (110) and nickel collector, thermionic converter with characteristics, 14587
 thermionic converter with fluoride vapor deposited tungsten emitter etched to preferentially expose 110 crystal planes, characteristics, 14571
 Tunisia, agricultural commodities, agreement, 14926
 Turbine blades, *see* Blades.
 Turbine fans, large-scale 1.075-pressure ratio tip-turbine cruise-fan propulsion system at angle of attack, subsonic aerodynamic characteristics, 14611
 Turbines:
 annular gas turbine combustors, analysis of total-pressure loss and airflow distribution, 14631
 gas, Mines Bureau coal-fired research project, test of combustor and ash separators for open-cycle plant, 14558
 large-scale 1.075-pressure ratio tip-turbine cruise-fan propulsion system, subsonic performance characteristics, 14610
 single-stage axial compressor component development for small gas turbines, 13675
 turbomachines, FORTRAN program for calculating velocities, etc., errata, 14603
 viscous, isothermal compressible flow across sealing dam with small tilt angle, computer program, 14621
 see also Engines (aircraft).
 Turbofan engines, *see* Engines (aircraft).
 Turbulence, boundary layer, experimental and theoretical development in Mach 4.4 water-cooled conical nozzle, 14625

INDEX

Turkey, labor conditions and organizations, 14468
 Turkeys, national improvement plan, conference report, 13554
 Tussock moths, Douglas-fir tussock moth control, Malheur and Ochoco National Forests, 1965 surveillance, 14295
 TVA, *see* Tennessee Valley Authority.
 2-(1-decylamino) ethanethiosulfuric acid, *see* Sulfuric acid.

U

Ultrasonics, *see* Sound.
 Un-American activities:
 campus disorders, extent of subversion, hearings, 14049
 Students For a Democratic Society, activities, investigation, hearings, 13933
 Underground structures, underground emplacement of nuclear explosives, construction techniques and costs for Plowshare program, 13708
 Underwater sound, *see* Sound.
 Unemployed:
 area trends in employment and unemployment, 14943
 unemployment, New York City, facts, 14474
 Unemployment, *see* Unemployed.
 Unemployment insurance, benefit series service, 14954
 Unfried, Amy B., computer mapping, 13759
 Uniformed services, *see* Armed Forces.
 Union of Soviet Socialist Republics—
 background notes, 14903
 embassy sites, agreement, 14907
 social science research, special papers available, 14904
 strategic and foreign policy implications of ABM systems, antisubmarine warfare and multiple independently targeted re-entry vehicles (MIRV), hearings, 14031
 Unions, *see* Labor unions.
 United Kingdom, *see* Great Britain.
 United Spanish War Veterans, convention, proceedings, 13849, 13858
 United States:

NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects.

statistical abstract, 1969—
 departmental edition, 13774
 document edition, 13856
 Universe, red-shift-magnitude relation and observational data, 14640
 Universities, *see* Colleges and universities.
 Upham, Charles W., soil survey of Plymouth County, Mass., 14879
 Upland cotton, *see* Cotton.
 Upper air, *see* Atmosphere.
 Upper atmosphere, *see* Atmosphere.
 Upper Volta, background notes, 14900
 Upwind-downwind - crosswind sea - clutter measurements, 14748
 Uranium:
 chemical stabilization of uranium tailings at Tuba City, Ariz., 14552
 reconnaissance, preliminary—
 Alabama, Georgia, Mississippi, Tennessee, Virginia, and West Virginia, 13712
 Arkansas, Illinois, Kentucky, Michigan, Minnesota, Missouri, Ohio, and Wisconsin, 13709
 Kansas, Nebraska, and Oklahoma, 13710
 Maryland and Pennsylvania, 13711
 North and South Carolina, 13713
 water load, at selected gaging stations, 14371
 Urban areas, *see* Cities and towns.
 Urban life, *see* Cities and towns.
 Urban policy, *see* Redevelopment (city planning, etc.).

Urban renewal, *see* Redevelopment (city planning, etc.).
 Urethritis:
 nongonococcal urethritis associated with T strains of mycoplasma, 14511
 TRIC Agent, serological fluorescent antibody and associated findings, report, 14517
 Uric acid, serum levels and leadership in Marine Corps, 14508
 USAF, *see* Air Force.
 USDA, *see* Agriculture Department.
 Usdin, Earl, psychotropic drugs and related compounds, supplement, 14502
 USMA, *see* Military Academy, West Point.
 USSR, *see* Union of Soviet Socialist Republics.
 Utah, Southern Utah and Goshute Valleys, selected hydrologic data, 14361
 Utilities, *see* Public utilities.
 Utility Consumers Counsel Office, establish, hearings, 14038
 United Spanish War Veterans, convention, 1968, proceedings, 13858

V

VA, *see* Veterans Administration.
 Vaccination, assistance act of 1969, hearing, 14054
 Vacuum:
 melting, residual gas analysis, mass spectrometry, 14556
 vacuum gage calibration from 10⁻³ to 10⁻⁷ torr, volume-ratio system, evaluation, 14644
 Vacuum pumps, *see* Pumps.
 Valley of Fire State Park, land conveyance, report, 13991
 Value engineering, management improvement, design or manufacture simplification performed by contractors, opportunities for increased savings, Defense Dept., GAO report, 14321
 Values, *see* Worth.
 Vaporization, vaporization and decomposition kinetics of candidate re-entry blackout suppressants in low-pressure flames, 14567
 Vapors, thermionic converter with chloride vapor deposited tungsten emitter (110) and nickel collector, characteristics, 14587
 Vardiman, R. G., dislocation pipe diffusion in silver single crystals, 14745
 Variety stores, *see* Stores.
 Vatican City State, background notes, 14901
 Vegetables:
 home canning, 13588
 home freezing, 13589
 winter, acreage marketing guides, 14063
 Vegetation, radiation doses and short-term effects from close-in fallout, 13707
 Vehicles, Eldorado National Forest, vehicle control area map and vehicle use rules in area, 14270
 Velocity:
 acoustic velocity meter for measurement of net outflow from Sacramento-San Joaquin delta in Calif., feasibility study of use, 14372
 coupling, role in solid-propellant combustion instability, 14639
 FORTRAN program for calculating in magnified region on blade-to-blade stream surface of turbomachine, errata, 14603
 various lubricated lip seal designs at peripheral velocity of 120 feet per second, torque and leakage rates, 14647
 Venezuela, economic trends and their implications for United States, 14419
 Venom, snake envenomation, cryotherapy treatment, 14507

- Vermont, pollution of interstate waters of Lake Champlain and its tributary basin, conference proceedings, 14240
- Vessels, *see* Boats—Ships.
- Veterans, reemployment rights, Army National Guard and Army Reserve, briefing session and program, 13655
see also Life Insurance.
- Veterans Administration:
construction of new hospital in southern California, hearings, 13943
medical care cost accounting system, improvements made GAO report, 14319
VA pamphlets, 14961
voluntary service, National Advisory Committee, report of 1969 meeting, 14962
- Veterans Affairs Committee, House, hearings, 13943
- Veterans Appeals Board, rules of practice, 14961
- Veterans hospitals, southern California, construction of new hospital, hearings, 13943
- Veterinarians, trainee, summer employment for juniors in veterinary medicine, examination announcement, 13797
- Veterinary Biologics Division, notice, 13557
- Veterinary medicine, summer employment for juniors, veterinarian trainee, examination announcement, 13797
- Veterinary zoology, *see* Zoology.
- Vibration:
aircraft engine components, investigation, 14652
launch vehicles, longitudinal mass-spring modeling, 14620
tests, spectral analysis, prototype study, 14840
- Vice President of United States:
election, amend Constitution, hearings, 13940
election, amend Constitution relating to electoral college reform, hearings, 14048
- Vietnam:
agricultural commodities, agreement, 14914
rural income and expenditure sample survey, initial report, 14425
- Vigil, Richard, relief, 13886
- Vigilance, sixty-minute vigilance task with 100 scoreable responses, 14501
- Virgin Islands:
census of business, 1967, manufactures, and mineral industries, 13754
Governor, nomination of Melvin R. Evans, hearing, 14044
- Virginia:
landings, fish and shellfish, annual summary, 13812
potential development of central Appalachia, preliminary analysis, 13650
uranium reconnaissance, preliminary, 13712
- Visitors:
data on visitors to U.S., 14955
pleasure and business visitors to U.S. by port of entry and mode of travel, 14956
- Visual instruction, *see* Audio-visual education.
- Vital statistics:
programs and collection procedures, 14811
United States, 14812
vital and health statistics series, PHS publication 1000, current listing, 14785
see also Death.
- Vitamins, pantothenic acid, vitamin B6 and vitamin B12 in foods, 13591
- Viterbo, Placido, relief, 13872
- Vocational counselors, *see* Counselors.
- Vocational education, adult vocational training, approved courses, Indian Affairs, Bureau, 14399
- Vocational rehabilitation, *see* Rehabilitation of the disabled.
- Volcanic ash, tuff, etc., diagenesis of tuffs in Barstow formation, Mud Hills, San Bernardino County, Calif., 14351
- Volcanoes, Glacier Peak area, North Cascades, Wash., intrusion and eruption of late Cenozoic magmas, 14347
- Volcker, Paul A., statement, Sept. 3, 1969, 14952
- Volume-ratio system for vacuum gage calibration from 10⁻³ to 10 torr, evaluation, 14644
- Volunteer workers, returning Peace Corps volunteers, opportunities in Federal service, 13791
- V/STOL (vertical or short takeoff and landing), *see* Aircraft.
- VTOL (vertical takeoff and landing), *see* Aircraft.

W

- Wage Appeals Board, decisions, 1964-68, index digest, 14882
- Wages:
area surveys—
Canton, Ohio, 14456
Charleston, W.Va., 14454
Greenville, S.C., 14453
Richmond, Va., 14452
Rockford, Ill., 14455
employee compensation, 1966, in private nonfarm economy, 14458
industry surveys, iron and steel foundries, 14457
occupational earnings and wage trends in metropolitan areas, 14467
wage trends for occupational groups in metropolitan areas, 14481
work incentive program, from welfare to wages, 14442
- Walking, be safe, be seen, let's shed some light on pedestrian safety, 14781
- Wallace, Donald L., soil survey, Gallatin County, Ill., 14874
- Wallmo, O. C., response of deer to alternate-strip clearcutting of lodgepole pine and spruce-fir timber in Colorado, 14284
- Walton, T. R., fire-retardant paint system for nuclear submarine interiors, 14749
- Wannalainen, John P., effect of injection element radial distribution and chamber geometry on acoustic-mode instability in hydrogen oxygen rocket, 14623
- Ward, Lloyd L., jr., relief, 13987
- Warehouses, northern Illinois, occupational trends, 14466
- Warfare, *see* Submarine warfare.
- Warhead missiles, *see* Missiles.
- Warner, Theodore B., measurement of fluoride activity and concentration in seawater using lanthanum fluoride electrode, 14753
- Warning systems, air-to-ground warning device, 14261
- Washington, D.C., *see* Capital of United States—District of Columbia.
- Washington International School, Inc., conveying District property to, report, 13999
- Washington State:
Christmas tree directory for growers, wholesalers, and retailers, 14254
portable cesium irradiator operation, 13702
- Waste disposal, *see* Radioactive waste disposal—Sewage
- Waste products, summary of solid wastes program contracts, 14809
- Water:
and waste disposal loans to associations, provide flexible interest rates, hearing, 13911
asphaltic membranes for seepage control, 14826

INDEX

- Water—Continued
atmospheric water resources program, Project Skywater, Colorado River basin pilot project, scientific review plans and design, conference proceedings, 14837
California, references for well data and water levels by Geological Survey, 14356
conservation districts, status of organization, by States, etc., 14872
conservation in Texas, 14873
cooled Mach 4.4 conical nozzle, experimental and theoretical turbulent boundary layer development, 14625
fresh, 15 years' exposure of structural ferrous metals in tropical environments, 14744
geochemistry of water (series), 14371
ground water—
Egypt's corrosive, selection of metal components for long-term development, 14357
land subsidence due to withdrawal, Tulare-Wasco area, Calif., 14345
levels in U.S., 1962-68, North Central States, 14377
shallow, in Rincon and Mesilla Valleys, N. Mex. and Tex., 14354
tracer well construction and testing, exploratory drilling, and preliminary findings, Geological Survey tracer study Amargosa Desert, Nye County, Nev., 14360
hydrodynamics and water waves, introduction—
fundamentals, 14168
water wave theories, 14169
Kansas, for future use, interim report, 14844
load of uranium, radium, and gross beta activity at selected gaging stations, 14371
metals, report of study, 14779
net outflow from Sacramento-San Joaquin delta in Calif., feasibility study of use of acoustic velocity meter for measurement, 14372
Pacific Southwest land and water resources comprehensive framework study program, 14764
publications, current list, 14242
quality—
and discharge of streams in Lehigh River basin, Pa., 14374
mechanics of flow from stratified reservoirs in interest of, 14156
reclamation, application of, dilute solution reactions of nitrate ion, 14245
resources—
coordination of research, report of meeting, 14830
Florida, 14362-365
Montana, 14366
Nebraska, 14367
New Jersey, 14368
New Mexico, 14369
New York, development by Army Corps of Engineers, 14154
North Dakota, 14370
technical publication, 14839
saline water research and development progress report, 14403-407
Savannah River, Federal-State-Industry cooperative quality studies, report, 14804
surface water—
quality, United States, 14376
supply, 1961-65, United States, 14375
water supply and pollution control, environmental health series, 14791
water supply papers, 14371-377
water-well corrosion, Chad Basin, Nigeria, preliminary study, 14344
see also Hydrology.
Water birds, helminths of waterfowl, annotated bibliography, 14887
Water fowl, see Water birds.
Water levels, fluctuations in Aberdeen-Springfield area, Bingham and Power Counties, Idaho, 1966, records, 14355
Water pollution:
clean water for nation's estuaries, proceedings, public meeting on water quality management for estuaries, 14239
interstate waters, Lake Champlain and its tributary basin, New York and Vermont, conference proceedings, 14240
Lake Michigan and its tributary basin, Illinois, Indiana, Michigan, and Wisconsin, conference proceedings, 14241
mineral pollution problem in Colorado River Basin, general background, 14243
role of bottom-dwelling macrofauna in water pollution investigations, 14791
Water Quality Sub-Task Force on Project Potomac, report, 14244
water supply and pollution control, environmental health series, 14791
Water quality act of 1965, see Water pollution.
Water Quality Sub-Task Force on Project Potomac, report, 14244
Waterborne commerce, see Commerce.
Watercraft, see Boats.
Waterfowl, see Water birds.
Waters, Lawrence K., stability of Edwards personal preference schedule need scale scores and profiles over 7-week interval, 14495
Watersheds, chaparral, selective control of brush with soil-applied fenuron and picloram, 14283
Waterways Experiment Station, technical reports, 14155-156
Watkins, Laverne L., corrosion and protection of steel piling in seawater, 14149
Watt, William S., nonequilibrium gasdynamics, 14583
Wave functions, wave equation in prolate spheroidal coordinates, tables of eigenvalues, 14743
Waves:
hydrodynamics and water waves, introduction—
fundamentals, 14168
water wave theories, 14169
see also, Radio waves.
Ways and Means Committee, House:
committee prints, 13945-946
hearings, 13944
Ways to attract non-game birds, 14881
Weapons, antiballistic missile systems, strategic and foreign policy implications, anti-submarine warfare and multiple independently targeted reentry vehicles (MIRV), hearings, 14031
Weather:
basic cold weather manual, Army field manual, change, 13655
service O International schedules, change, 13641
Weather control:
Air Weather Service, weather modification program, FY 1969, annual survey report, 13618
Project Skywater—
conference proceedings, Colorado River basin pilot project, scientific review plans and design, 14837
special park range cooperative experiment, summary report, 14827
Weather forecasts:
coastal warning facilities chart—
Canadian border to Eureka, Calif. and Alaska, 14963
Eastport, Maine to Montauk Point, N.Y., 14964
Eureka to Point Conception, Calif., 14965
Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 14966
warning facilities chart, Hawaiian waters, 14967

- Weather modification, *see* Weather control.
- Weaver, Lewis K., graphite, 145277
- Webbing, textile, color codes, manufacturers' identification, military standard, 14111
- Weevils, boll weevil, how to control it, 13584
- Wegener, James F., conferring citizenship posthumously, 13953
- Weidenbaum, Murray L., remarks, Aug. 27, 1969, 14953
- Weights and measures, commercial specifications, tolerances and other technical requirements, replacement pages, 14663
- Weinerman, E. Richard, ambulatory service data system, 14778
- Weirton, W. Va., air quality control region, report for consultation, 14803
- Welding, flame straightening and its effect on base metal properties, 14854
- Weldments, *see* Welding.
- Welfare, *see* Public assistance.
- Well drilling, test wells, Post Area, White Sands Missile Range, Dona Ana County, N. Mex., 14359
- Wells, Leora W., acquisition and development of values, perspectives and research, 14682
- Wells:
- California, references for well data and water levels by Geological Survey, 14356
 - metal components for long-term development of Egypt's corrosive ground waters, selection, 14357
 - observation, and water-level fluctuations in Aberdeen-Springfield area, Bingham and Power Counties, Idaho, 1966, records, 14355
 - tube, of Indus Plains, West Pakistan, corrosion and encrustation mechanisms, preliminary evaluation, 14343
 - water-well corrosion, Chad Basin, Nigeria, preliminary study, 14344
- Wenatchee National Forest, Cle Elum trail trips, 14255
- West, J. M.:
- boron, 14525
 - mercury, 14536
- West Virginia:
- census of business, 1967, retail trade, area statistics, 13752
 - potential development of central Appalachia, preliminary analysis, 13650
 - route 52, designate as part of National System of Interstate and Defense Highways, hearings, 13939
 - uranium reconnaissance, preliminary, 13712
- Western Europe, *see* Europe.
- Weston, J. P., estimating diameter of plasma in propulsion motor plume, 14746
- What is relocation all about, 14391
- Wheat, durum, allotments, increase, hearing, 13914
- Wheeler Peak Scenic Area, Humboldt National Forest, general information, 14297
- Wheeling, W. Va., air quality control region, report for consultation, 14803
- Where the leaders are, 13682
- White, Richard P., Jr., aerodynamic and aeroelastic characteristics of full-scale rotor blade stopped in flight, 13676
- White fir, *see* Fir.
- White River Lakes, climatic summaries of resort areas, 14158
- White Sands Missile Range, Post Area, Dona Ana County, N. Mex., test wells, 14359
- Whitman, Robert A., mineral industry of Bolivia, 14537
- Whitney, M. B., processing and display experiments using digitized ATS-1 spin scan camera, data, 14171
- Who will listen? 13784
- Wholesale trade, *see* names of commodities and industries.
- Wilderness areas:
- national forests in Oregon Cascades, management direction for wilderness and primary recreation zones, 14269
 - Wilderness areas—Continued
 - studies related to wilderness primitive areas (series), 14328-329
 - Wildfire, *see* Forest fires.
 - Wildlife:
 - saving forests and related wildlife resources from insects and diseases, 13599
 - special scientific reports, wildlife series, 14887
 - wildlife leaflets, 14888
 - wildlife portrait series, 14889
- Willamette National Forest, a national forest and national wilderness preservation system, 1968 annual report, 14299
- Wilson, I. Dodd, serum enzyme changes after physical exertion, 14504
- Wilson, James F., Jr., movement of solute in Potomac River estuary at Washington, D.C. at low inflow conditions, 14337
- Wilson, V.C.
- characteristics of thermionic converter with—
 - chloride vapor deposited tungsten emitter (110) and nickel collector, 14587
 - fluoride vapor deposited tungsten emitter etched to preferentially expose 110 crystal planes, 14571
- Wind, *see* Winds.
- Wind tunnels, investigation of STOL aircraft configuration equipped with external-flow jet, flap, 14617
- Winds:
- turbulent wind field below 150M altitude at Eastern Test Range, investigation, 14582
 - upwind-downwind-crosswind sea-clutter measurements, 14748
- Wings (aircraft):
- lifting horizontal-axis rotating-wing aeronautical systems (HARWAS), review and evaluation, 13677
- Wisconsin:
- census of business, 1967, retail trade, area statistics, 13753
 - pollution of Lake Michigan and its tributary basin, conference proceedings, 14242
 - uranium reconnaissance, preliminary, 13709
- Witherell, Julian W., Ghana, guide to official publications, 1872-1968, 14483
- Women, marines, physical fitness test standards, 14505
- Wong, Dug Foo, relief, 13952
- Wong Yui and wife, relief, 13969
- Wood:
- research, dividends, publications, lists, 14258
 - trade and tariff information summaries, 14939
- Woodcuts, Werner Dreyes, catalogue, 14677
- Wooten, Carl B., portable cesium irradiator operational reports, 13701
- Work:
- incentive program, from welfare to wages, 14442
 - resources and work force management civil engineering, Air Force manual, change, 13612
 - work and workers, some aspects of changing patterns in urban environment, 14470
- Workers, *see* Labor.
- Working for U.S.A., 13790
- Worth, acquisition and development of values, perspective on research, conference report, 14682
- Wrightsville Beach Test Facility, sea water conversion, 14408
- Wu Hip, relief, 13954
- Wyoming:
- in vitro digestibility of alpine forages, 14288
 - national forests, multiple use of resources, 14274
 - resource planning, how soil surveys help, 14571

INDEX

X

X-rays, diffraction, powder patterns, 14065

Y

Y.O.U., *see* Youth Organizations United.
 Yang, Andrew Chu, relief, 13955
 Yang, J. Y., development of radioactive pebble
 bed chemical reactor system, phase 2 re-
 port, 13703
 Yarger, William E., body armor in hot humid
 environment, studies in unacclimatized
 men, 14512
 Yarn, quality, and spinning performance as
 affected by lint color and trash in field-
 exposed cotton, 1966-67 crop year, 13594
 Yellowtail Dam and Reservoir, *see* Missouri
 River Basin project.
 Yellowtail unit, *see* Missouri River Basin
 project.
 You and the draft, 14853
 Youth:
 It's Y.O.U., Youth Organizations United,
 14136
 making it, stay ahead, stay in school,
 14773
 U.S., 12-17 years of age, plan and opera-
 tion of health examination survey, 14811
 see also 4-H clubs.
 Youth Organizations United, It's Y.O.U.,
 14136

Yttrium oxide, hafnia stabilized with, effects
 of cyclic heating and thermal shock, 14607
 Yui, Wong, *see* Wong Yui.

Z

Zambelli, Aleksandar, relief, 13963
 Zeller, John E., analysis of dynamic perform-
 ance limitations of fast response (150 to
 200 Hz) electrohydraulic servos, 14633
 Zimmerli, Emma, relief, 13890
 Zinc, lead-zinc exploration, Mississippi Val-
 ley, lead isotope guide, 14335
 Zirconium, minerals yearbook chapter, 14562
 Zirconium carbide, hyperstoichiometric, at
 elevated temperatures, electrical resistiv-
 ity, 14553
 Zisman, W. A., surface chemistry of plastics
 reinforced by strong fibers, 14755
 Zoology:
 medical and veterinary, index catalogue,
 13542-44
 Smithsonian contributions to zoology,
 14866
 Zuk, John:
 computer program for viscous, isothermal
 compressible flow across sealing dam
 with small tilt angle, 14621
 investigation of isothermal compressible
 flow across rotating sealing dam, 14614

To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

For Use of Supt. of Docs.

..... Enclosed

To be mailed
later

..... Subscriptions

Refund.....

Refund _____

Coupon refund

Postage _____

For additional space use other side.

Total, \$ _____

FOR PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U.S. GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

RETURN AFTER FIVE DAYS



POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

Name _____

Street Address _____

City, State, and ZIP Code _____

Additional space for your order

[illegible]

Do not write in space below

Total, \$.

GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the office of the Superintendent of Documents, Government Printing Office, for the sale of those publications listed in the Monthly Catalog with an asterisk (*) and price, there are also seven retail bookstores which constitute a part of the operations of that office. The locations of these stores are shown below:

Government Printing Office
710 North Capitol Street
Washington, D.C. 20402
Telephone: Area code 202-783-3238

Department of Commerce, Lobby
14th and Constitution Avenue NW
Washington, D.C. 20230
Telephone: Area code 202-Worth 7-3527

USIA Building, 1st floor
1776 Pennsylvania Avenue NW
Washington, D.C. 20547
Telephone: Area code 202-DUpont 3-2898

Department of State Building, 1st floor
21st and C Streets NW
Washington, D.C. 20520
Telephone: Area code 202-DUpont 3-4004
(Public access to building controlled by security regulations.)

Chicago Branch
Room 1463-14th floor
Federal Office Building
219 South Dearborn Street
Chicago, Illinois 60604
Telephone: Area code 312-353-5133

Kansas City Branch
Room 135, Federal Office Building
601 East 12th Street
Kansas City, Missouri 64106
Telephone: Area code 816-374-2160

San Francisco Branch
Room 1023, Federal Office Building
450 Golden Gate Avenue
San Francisco, California 94102
Telephone: Area code 415-556-6657

PC 001 48053
UNIV MICROFILMS INC
ATT MR H HOMES LIBRARIAN
300 NORTH ZEEB RD
ANN ARBOR MIC 48106

**UNITED STATES
GOVERNMENT PRINTING OFFICE**

DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS



POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

